

Figure 2
density

ANKYRIN		CD44	
Fracture	ONFH	Fracture	ONFH
0.652174	0.40708	1.144144	0.603774
0.755556	0.346535	0.644737	0.636364
0.568807	0.40566	1.040541	0.553398
0.504673	0.449541	1.266667	0.761364
0.509434	0.557692	0.951807	0.87013
0.598039	0.54955	0.647727	0.78481
0.5625	0.455882	0.701149	1
0.675676	0.433962	1.104348	0.566372
0.894737	0.353535	0.544444	0.623762
0.837838	0.417476	0.706422	0.537736
0.72	0.556818	0.887851	0.614679
0.650602	0.753247	0.745283	0.644231
0.693182	0.772152	0.558824	0.558559
0.724138	0.574074	0.544643	0.794118

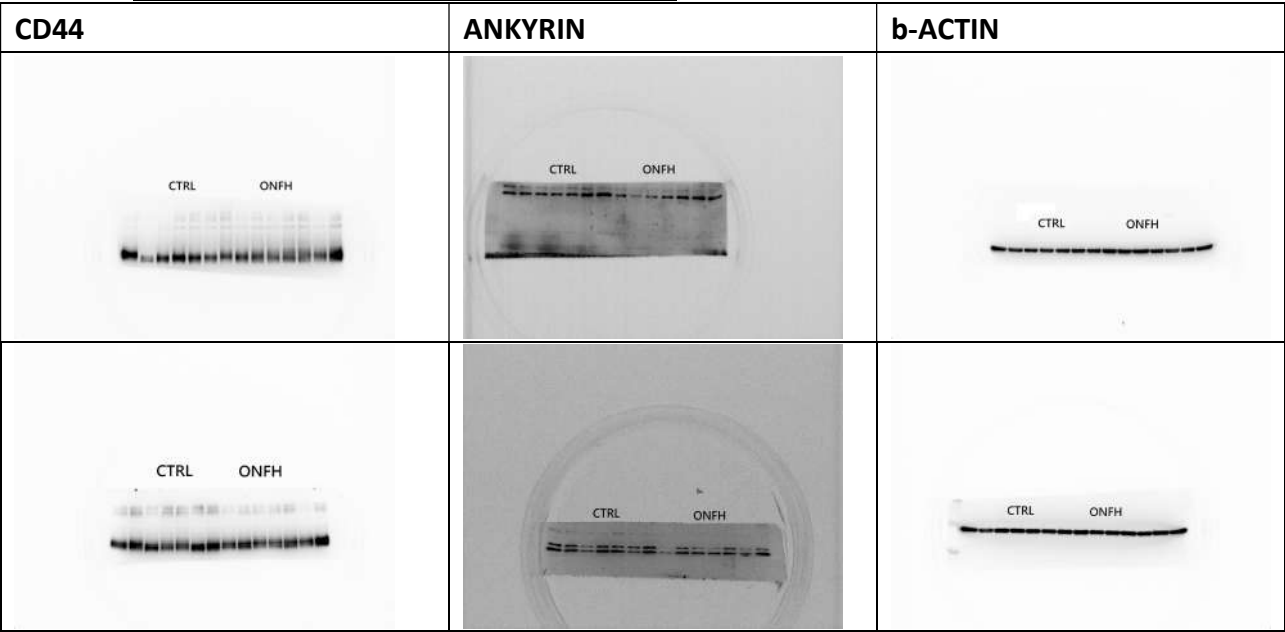
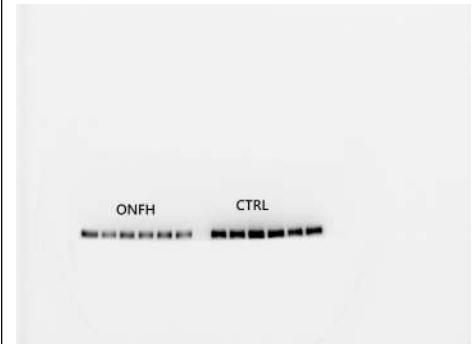
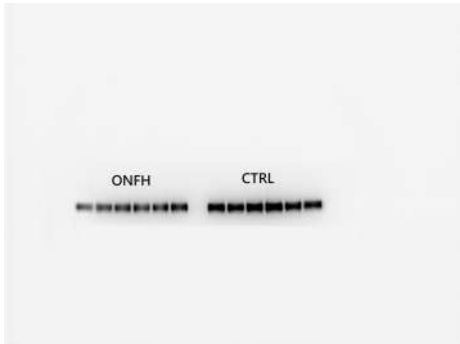
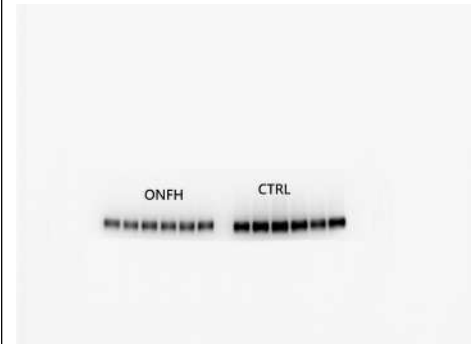
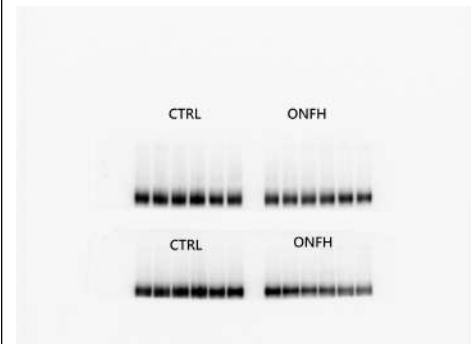
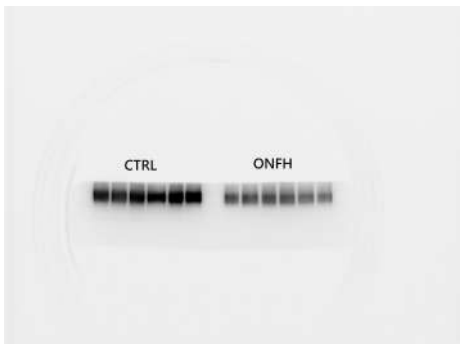
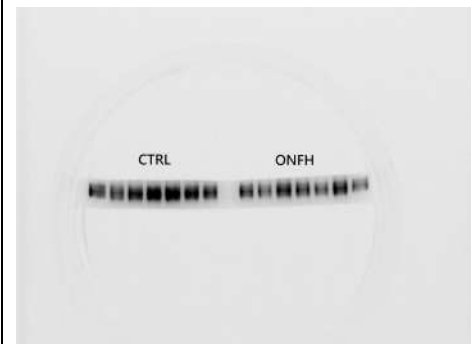


Figure4

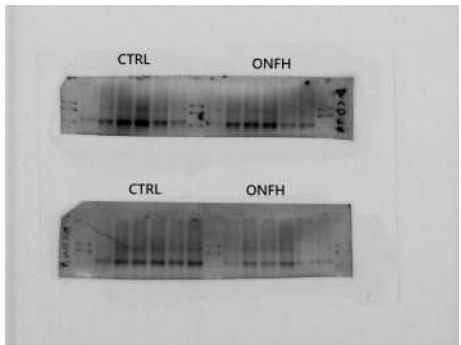
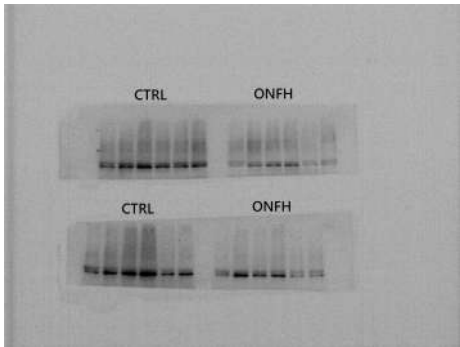
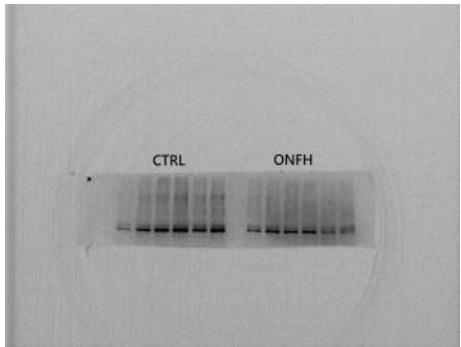
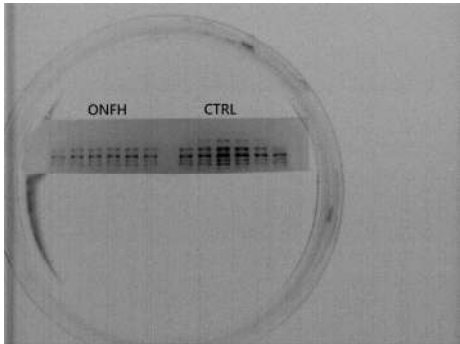
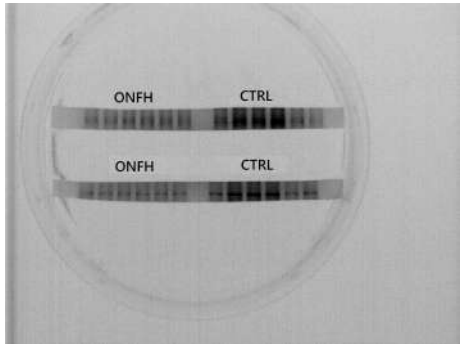
density

Fracture							ONFH						
CD44/Actin							CD44/Actin						
1	1.05405	1.18667	1.24324	1.2	1.08219	1.09589	1	0.75641	0.88158	0.97297	0.86667	0.84416	0.90789
2	1.12329	1.26761	1.25352	1.35714	1.16438	1.19178	2	0.94203	1.07353	1.05634	1.17143	0.98551	0.91429
3	0.94521	1.01408	1.12676	1.14493	1.0274	1.05479	3	1.22222	1.30137	1.32432	1.4058	1.21429	1.18056
4	0.69048	0.84615	0.93243	0.8642	0.9	0.92593	4	1.10769	1.14063	1.10294	1.19697	1.07143	1.14493
5	1.0375	1	0.88889	0.9875	0.8625	0.83951	5	0.95588	0.95652	1.01408	0.86111	1.01493	0.95522
6	1.26027	1.33803	1.40845	1.47826	1.16438	1.12329	6	0.95	1.06098	1.11392	1.09091	1.02532	0.89873
7	1.30667	1.46667	1.38158	1.33333	1.13333	1.23611	7	1.05797	1.24242	1.15714	1.14493	1.10294	1.08696
8	1.18841	1.39706	1.31429	1.35714	1.22222	1.05634	8	0.93151	1.04167	1.06849	1.08333	1.05634	0.98571
Average	1.07573	1.18953	1.19365	1.21531	1.06955	1.06545	Average	0.99046	1.08734	1.10128	1.10264	1.03936	1.00929
SD	0.1963	0.21799	0.19554	0.20828	0.13034	0.13097	SD	0.1391	0.13894	0.10703	0.17803	0.1054	0.11261
Fracture							ONFH						
p-CD44/Actin							p-CD44/Actin						
1	0.5	0.69333	0.75676	0.88	0.57534	0.54795	1	0.33333	0.43421	0.47297	0.42667	0.31169	0.32895
2	0.57534	0.78873	0.74648	0.8	0.63014	0.60274	2	0.44928	0.48529	0.4507	0.4	0.37681	0.41429
3	0.45205	0.61972	0.64789	0.73913	0.50685	0.46575	3	0.33333	0.32877	0.41892	0.42029	0.35714	0.33333
4	0.45238	0.61538	0.7027	0.7037	0.5625	0.51852	4	0.29231	0.32813	0.33824	0.33333	0.3	0.33333
5	0.425	0.55	0.58025	0.7125	0.5125	0.59259	5	0.32353	0.34783	0.3662	0.33333	0.32836	0.31343
6	0.49315	0.73239	0.71831	0.75362	0.63014	0.63014	6	0.2875	0.32927	0.39241	0.37662	0.32911	0.31646
7	0.45333	0.58667	0.63158	0.58667	0.50667	0.48611	7	0.4058	0.5303	0.45714	0.42029	0.38235	0.3913
8	0.5942	0.91176	0.9	0.82857	0.54167	0.59155	8	0.32877	0.375	0.35616	0.41667	0.39437	0.37143
Average	0.49318	0.68725	0.7105	0.75052	0.55822	0.55442	Average	0.34423	0.39485	0.40659	0.3909	0.34748	0.35032
SD	0.06164	0.12039	0.09753	0.08939	0.05115	0.05948	SD	0.05561	0.0791	0.05086	0.03889	0.03506	0.03734
Fracture							ONFH						
Ankyrin/Actin							Ankyrin/Actin						
1	0.62162	0.82667	0.81081	1	0.61644	0.58904	1	0.48718	0.55263	0.59459	0.54667	0.51948	0.52632
2	0.58904	0.80282	0.80282	0.91429	0.63014	0.63014	2	0.6087	0.57353	0.64789	0.62857	0.62319	0.61429
3	0.53425	0.69014	0.74648	0.84058	0.75342	0.78082	3	0.59722	0.57534	0.60811	0.6087	0.65714	0.56944
4	0.59524	0.78205	0.91892	0.92593	0.7625	0.71605	4	0.53846	0.60938	0.60294	0.60606	0.55714	0.55072
5	0.525	0.525	0.59259	0.675	0.6	0.54321	5	0.64706	0.66667	0.59155	0.69444	0.70149	0.67164
6	0.60274	0.80282	0.8169	0.92754	0.65753	0.69863	6	0.475	0.53659	0.53165	0.50649	0.48101	0.49367
7	0.64	0.74667	0.80263	0.97333	0.86667	0.76389	7	0.6087	0.68182	0.65714	0.63768	0.57353	0.6087
8	0.63768	0.70588	0.72857	0.84286	0.68056	0.6338	8	0.52055	0.58333	0.60274	0.54167	0.57746	0.6
Average	0.5932	0.73526	0.77747	0.88744	0.69591	0.66945	Average	0.56036	0.59741	0.60458	0.59629	0.58631	0.534356
SD	0.04345	0.09777	0.09372	0.10224	0.09138	0.08415	SD	0.06353	0.05213	0.03826	0.06112	0.072	0.05618
Fracture							ONFH						
AKT/ACTIN							AKT/ACTIN						
1	0.86486	0.98667	1.08108	1.09333	1.13699	1.16438	1	0.74359	0.81579	0.85135	0.78667	0.77922	0.77632
2	0.87671	0.95775	1.02817	1.11429	0.93151	0.9589	2	0.78261	0.77941	0.77465	0.78571	0.75362	0.77143
3	0.90411	0.94366	1.05634	1.05797	0.91781	0.87671	3	0.86111	0.82192	0.78378	0.85507	0.82857	0.79167
4	0.89286	1.02564	1.2027	1.06173	0.9	0.87654	4	0.84615	0.89063	0.82353	0.83333	0.78571	0.81159
5	0.9	0.9375	0.95062	0.9875	0.8875	0.92593	5	0.89706	0.89855	0.88732	0.83333	0.89552	0.86567
6	0.93151	0.97183	1.05634	1.08696	0.9589	0.93151	6	0.775	0.76829	0.78481	0.80519	0.6962	0.68354
7	0.90667	0.96	0.96053	0.93333	0.96	0.97222	7	0.82609	0.86364	0.82857	0.89855	0.86765	0.84058
8	0.92754	1.07353	1.07143	1.05714	0.94444	0.94366	8	0.75342	0.73611	0.73973	0.77778	0.76056	0.77143
Average	0.90053	0.98207	1.0509	1.04903	0.95464	0.95623	Average	0.81063	0.82179	0.80922	0.82196	0.79588	0.78903
SD	0.0228	0.04618	0.07854	0.05993	0.07818	0.09099	SD	0.05521	0.05906	0.04739	0.04143	0.06491	0.05471
Fracture							ONFH						
p-AKT/Actin							p-AKT/Actin						
1	0.56757	0.97333	0.95946	0.90667	0.80822	0.84932	1	0.41026	0.59211	0.67568	0.65333	0.50649	0.48684
2	0.58904	1.01408	0.95775	1.02857	0.93151	0.89041	2	0.56522	0.67647	0.67606	0.8	0.6087	0.62857
3	0.69863	1.14085	1.08451	1.14493	0.93151	0.82192	3	0.44444	0.53425	0.55405	0.62319	0.62857	0.58333
4	0.59524	0.96154	1.06757	1	0.725	0.71605	4	0.55385	0.59375	0.58824	0.63636	0.54286	0.52174
5	0.5875	0.7875	0.82716	0.75	0.725	0.67901	5	0.61765	0.63768	0.64789	0.58333	0.59701	0.58209
6	0.61644	0.92958	0.94366	1.05797	0.71233	0.71233	6	0.5	0.54878	0.55696	0.58442	0.53165	0.50633
7	0.70667	0.92	0.86842	0.86667	0.78667	0.80556	7	0.56522	0.78788	0.77143	0.78261	0.70588	0.68116
8	0.69565	1	1	1.12857	0.90278	0.84507	8	0.57534	0.70833	0.71233	0.72222	0.6338	0.64286
Average	0.63209	0.96586	0.96357	0.98542	0.81538	0.78996	Average	0.529	0.63491	0.64783	0.67318	0.59437	0.57912
SD	0.05811	0.09958	0.08854	0.13575	0.09445	0.0772	SD	0.07105	0.08586	0.0771	0.08507	0.06512	0.06975

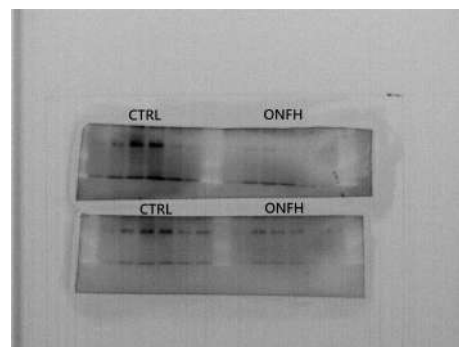
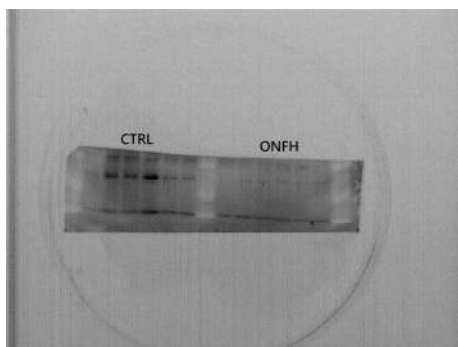
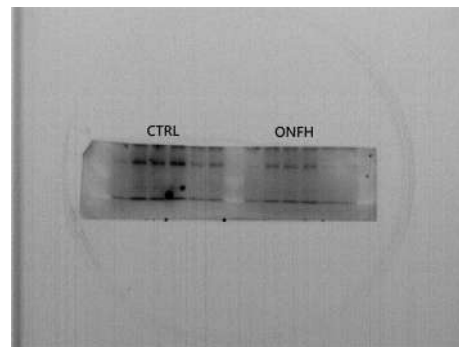
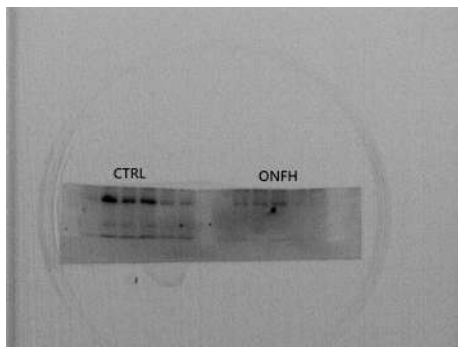
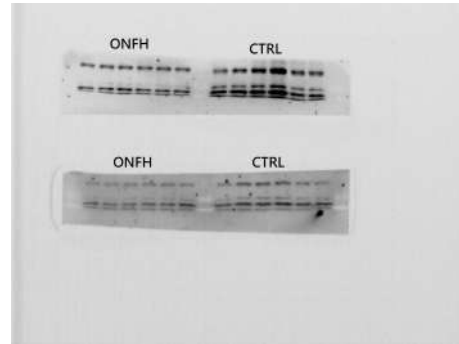
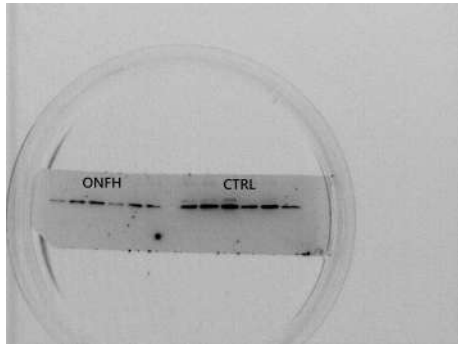
Fracture							ONFH						
p-eNOS/Actin							p-eNOS/Actin						
1	0.56757	0.57333	0.62162	0.62667	0.84932	0.90411	1	0.28205	0.30263	0.2973	0.33333	0.37662	0.35526
2	0.60274	0.59155	0.66197	0.64286	0.79452	0.75342	2	0.34783	0.38235	0.39437	0.37143	0.46377	0.34286
3	0.53425	0.57746	0.60563	0.62319	0.87671	0.9589	3	0.26389	0.26027	0.28378	0.33333	0.34286	0.30556
4	0.41667	0.44872	0.52703	0.50617	0.7125	0.69136	4	0.30769	0.28125	0.29412	0.33333	0.27143	0.37681
5	0.5875	0.6625	0.65432	0.6875	0.85	0.88889	5	0.25	0.30435	0.22535	0.30556	0.29851	0.28358
6	0.61644	0.66197	0.66197	0.76812	0.84932	0.91781	6	0.3125	0.30488	0.3038	0.32468	0.27848	0.25316
7	0.57333	0.52	0.60526	0.6	0.88	0.94444	7	0.33333	0.33333	0.34286	0.34783	0.39706	0.37681
8	0.55072	0.57353	0.6	0.58571	0.90278	1.01408	8	0.24658	0.29167	0.30137	0.30556	0.35211	0.34286
Average	0.55615	0.57613	0.61723	0.63003	0.83939	0.88413	Average	0.29298	0.30759	0.30537	0.33188	0.3476	0.32961
SD	0.06231	0.07017	0.0449	0.07634	0.06034	0.10818	SD	0.03817	0.0368	0.04841	0.02159	0.06526	0.04473
Fracture							ONFH						
eNOS/Actin							eNOS/Actin						
1	0.83784	0.84	0.89189	0.82667	1.12329	1.08219	1	0.70513	0.69737	0.7027	0.73333	0.76623	0.75
2	0.87671	0.95775	0.94366	0.92857	1.06849	1.0274	2	0.78261	0.82353	0.8169	0.8	0.89855	0.91429
3	0.80822	0.85915	0.88732	1	1.0411	1.05479	3	0.81944	0.80822	0.82432	0.91304	0.91429	0.86111
4	0.77381	0.84615	0.93243	0.87654	0.9625	0.93827	4	0.92308	0.96875	0.88235	0.93939	0.84286	0.81159
5	0.7125	0.7375	0.74074	0.8125	0.775	0.80247	5	0.83824	0.88406	0.92958	1	1.04478	1.02985
6	0.89041	0.94366	0.94366	0.91304	0.9863	1.05479	6	0.6875	0.67073	0.70886	0.75325	0.78481	0.75949
7	0.84	0.78667	0.86842	1	0.88	0.95833	7	0.76812	0.78788	0.77143	0.78261	0.83824	0.81159
8	0.84058	0.86765	0.88571	0.87143	0.91667	0.97183	8	0.79452	0.84722	0.84932	0.86111	0.77465	0.82857
Average	0.82251	0.85482	0.88673	0.90359	0.96917	0.98626	Average	0.78983	0.81097	0.81068	0.84784	0.85805	0.84581
SD	0.05744	0.07307	0.06573	0.071	0.11183	0.09052	SD	0.0748	0.09623	0.07978	0.09604	0.09338	0.09108

CD44	
	
	
	
	

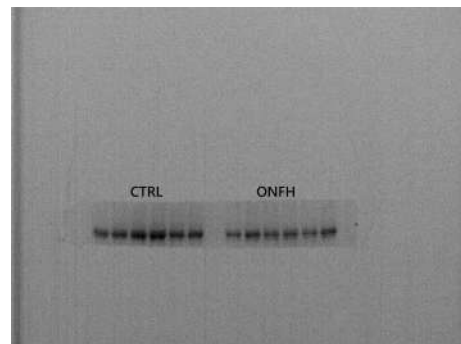
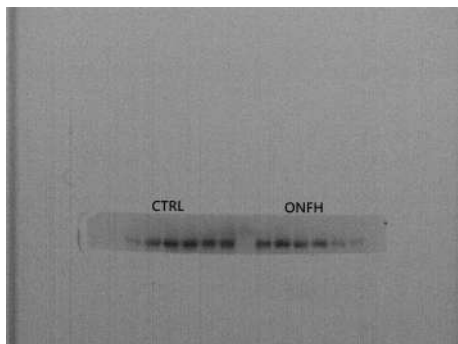
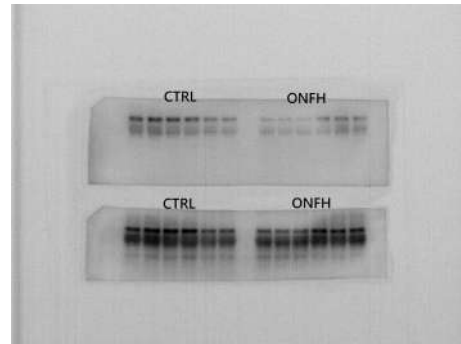
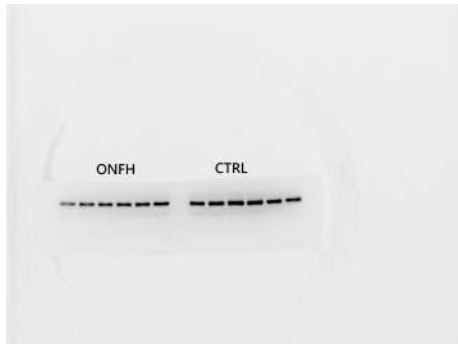
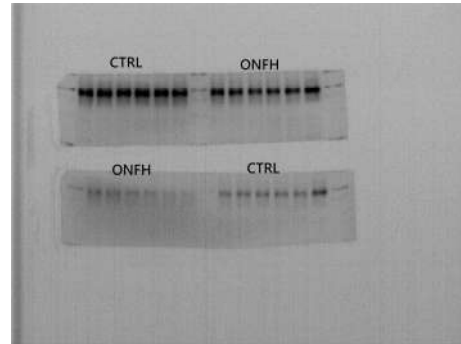
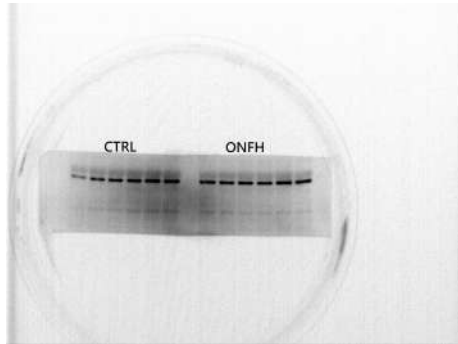
p-CD44



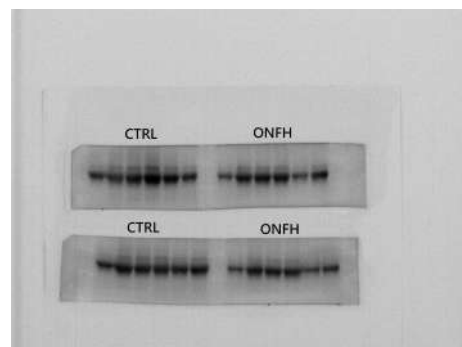
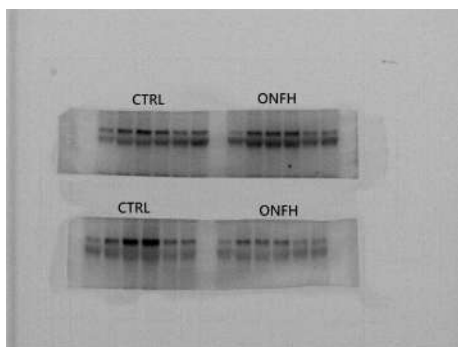
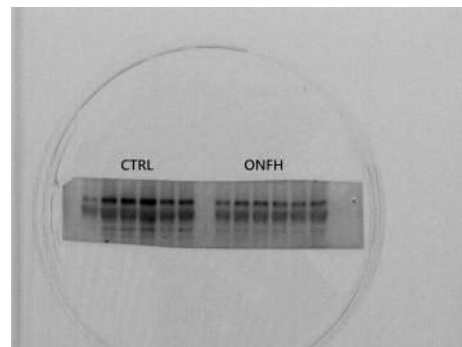
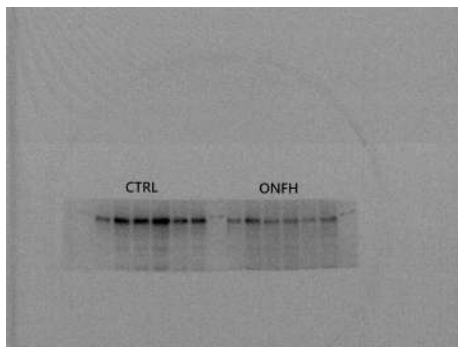
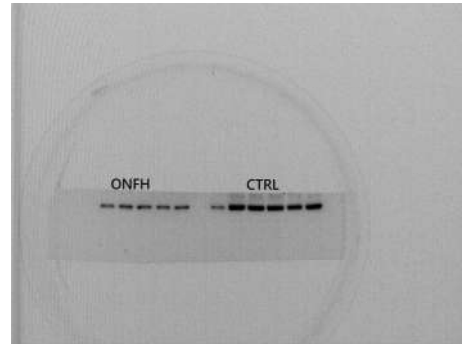
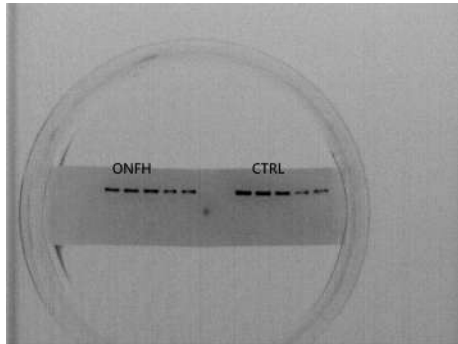
ANKYRIN



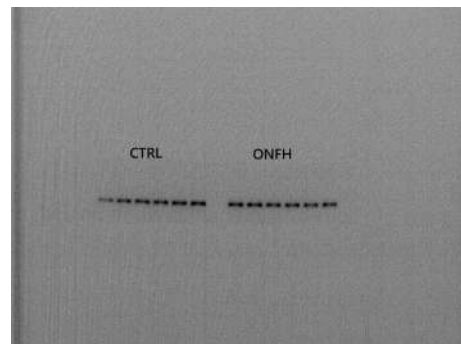
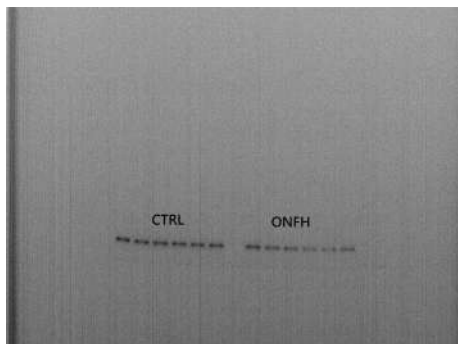
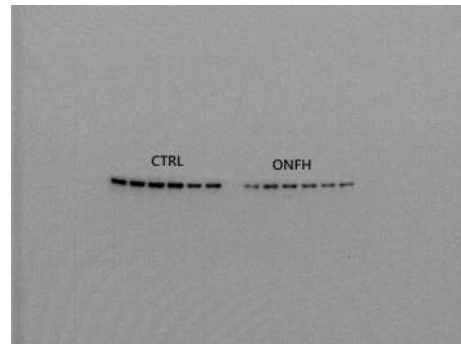
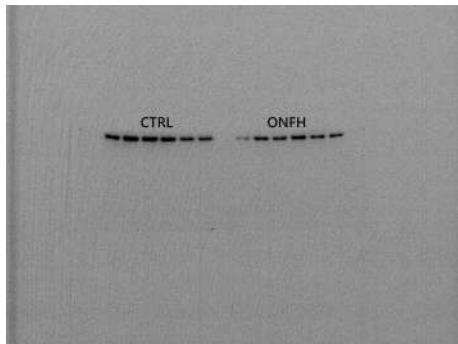
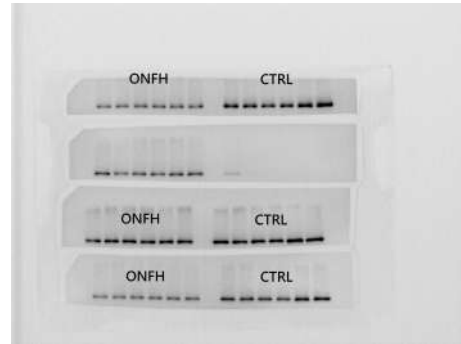
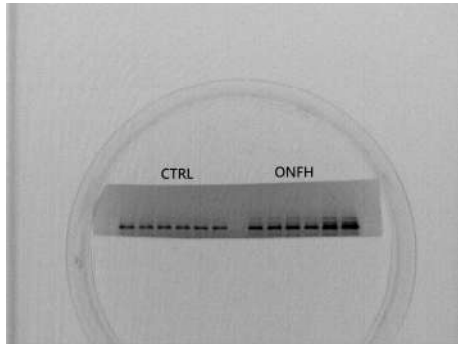
AKT



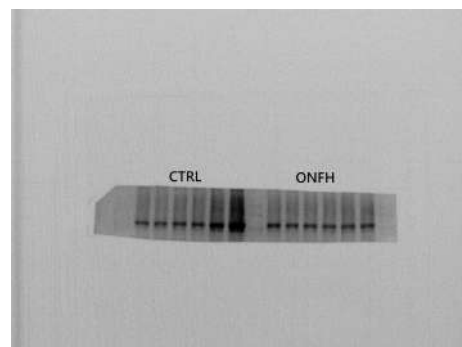
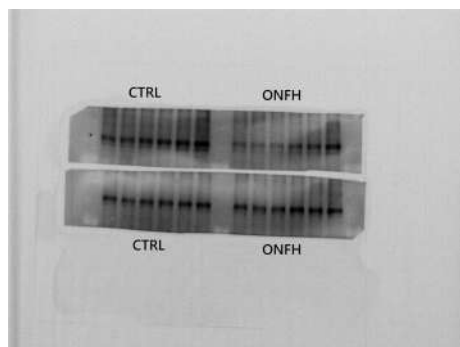
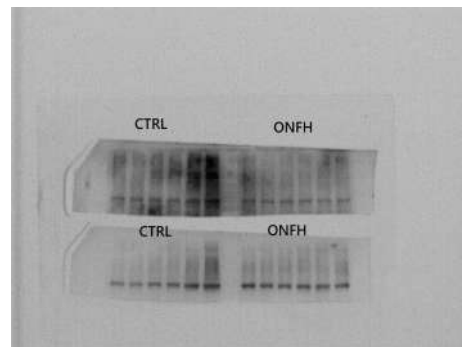
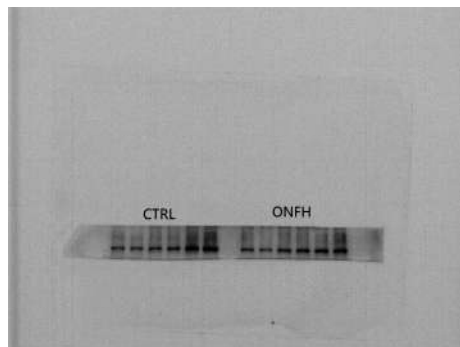
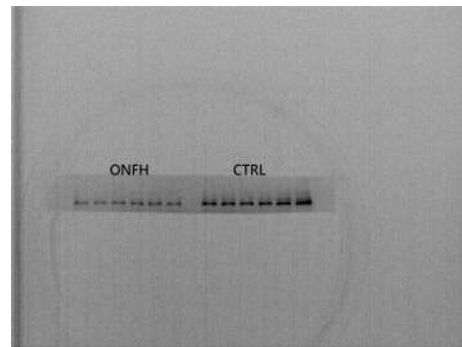
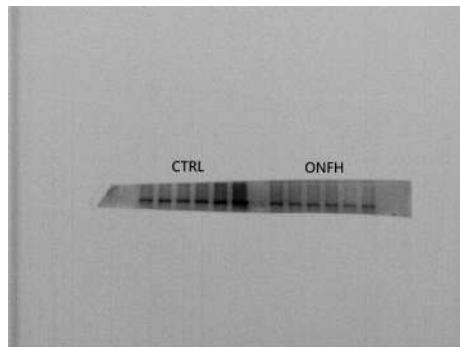
p-AKT



eNOS



p-eNOS



b-ACTIN

