

论文原始数据

FIGURE 1

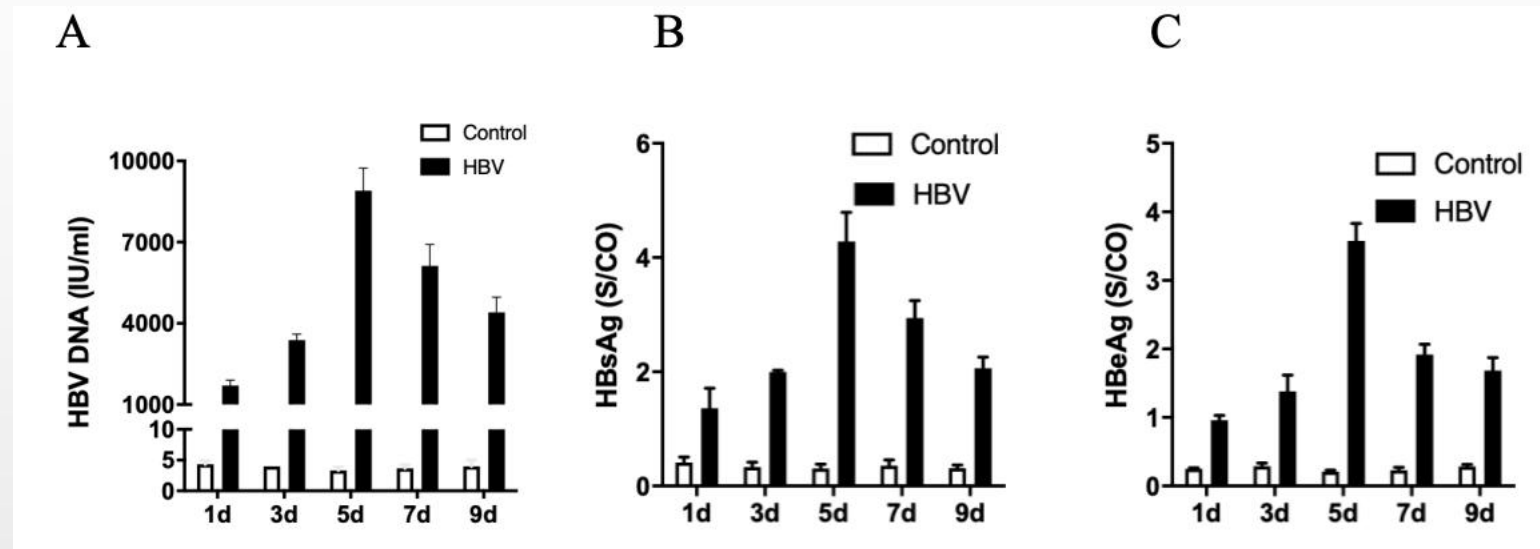


FIGURE1A

							Potocytes					Potocytes+HBV				
	HepG2.2.15						1d	3d	5d	7d	9d	1d	3d	5d	7d	9d
CT	17.71					CT	33.51	33.4	33.47	33.3	33.62	24.31	23.05	21.68	22.15	22.8
	17.81						33.49	33.66	33.82	33.35	33.23	23.96	23.13	21.54	21.91	22.42
	18.17						33.23	33.53	33.8	33.7	33.81	24.04	22.93	21.39	22.3	22.67
Average	17.8967					Average	33.41	33.53	33.6967	33.45	33.5533	24.1033	23.0367	21.5367	22.12	22.63
SD	0.24194					SD	0.1562	0.13	0.19655	0.21794	0.29569	0.18339	0.10066	0.14503	0.19672	0.19313
	HepG2.2.15						Potocytes					Potocytes+HBV				
	HepG2.2.15						1d	3d	5d	7d	9d	1d	3d	5d	7d	9d
HBV DNA (IU/ml)	104822					/ DNA (IU	4	4	4	4	4	1483	3344	8093	5976	3929
	98273						4	4	3	4	5	1859	3176	8858	6977	5021
	77905						5	4	3	3	3	1765	3613	9758	5425	4273
Average	93666.7					Average	4.33333	4	3.33333	3.66667	4	1702.33	3377.67	8903	6126	4407.67
SD	14037.3					SD	0.57735	0	0.57735	0.57735	1	195.677	220.437	833.412	786.798	558.317

FIGURE 1B

	Group A			Group B		
	Potocytes			Potocytes+HBV		
✕	A:Y1	A:Y2	A:Y3	B:Y1	B:Y2	B:Y3
1d	0.41	0.51	0.32	1.27	1.75	1.06
3d	0.24	0.35	0.41	1.97	2.03	1.99
5d	0.36	0.22	0.34	3.75	4.33	4.77
7d	0.42	0.24	0.41	3.27	2.66	2.89
9d	0.25	0.32	0.36	1.84	2.15	2.20
Legend						

HIGURE1C

	Potocytes			Potocytes+HBV		
×	A:Y1	A:Y2	A:Y3	B:Y1	B:Y2	B:Y3
1d	0.26	0.24	0.26	1.02	0.88	0.98
3d	0.34	0.28	0.25	1.20	1.65	1.29
5d	0.19	0.21	0.23	3.67	3.29	3.77
7d	0.20	0.28	0.21	1.99	2.02	1.74
9d	0.29	0.31	0.25	1.69	1.87	1.49

figure2A/B/C

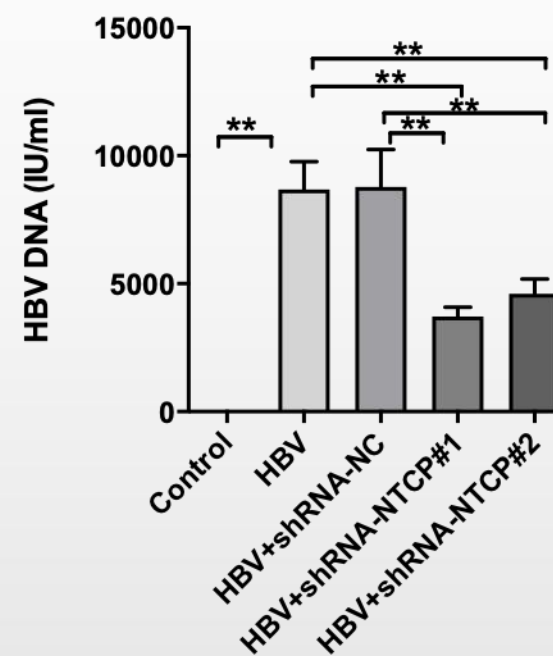
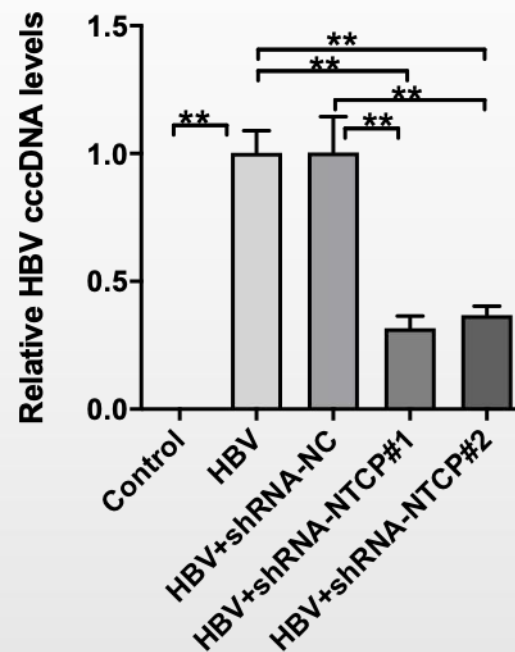
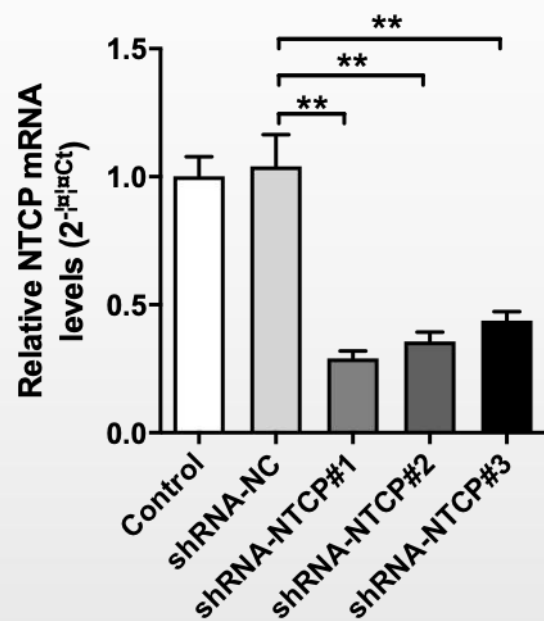


FIGURE2A/B/C

2A

Control	shRNA-NC	shRNA-NTCP#1	shRNA-NTCP#2	shRNA-NTCP#3
Y	Y	Y	Y	Y
0.9954	1.1045	0.2839	0.3261	0.4676
0.9287	0.8971	0.3216	0.3447	0.3987
1.0817	1.1199	0.2667	0.3959	0.4454

2B

	Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP#1	HBV+shRNA-NTCP#2
	Y	Y	Y	Y	Y
1	0.0005	1.0918	1.0619	0.2618	0.3479
2	0.0007	0.9181	1.1070	0.3407	0.4080
3	0.0008	0.9977	0.8448	0.3479	0.3479

2C

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP#1	HBV+shRNA-NTCP#2
Y	Y	Y	Y	Y
9.00	8526.00	7346.00	3720.00	5210.00
12.00	9833.00	8694.00	3353.00	4547.00
10.00	7687.00	10289.00	4073.00	4047.00

figure2D/E/F

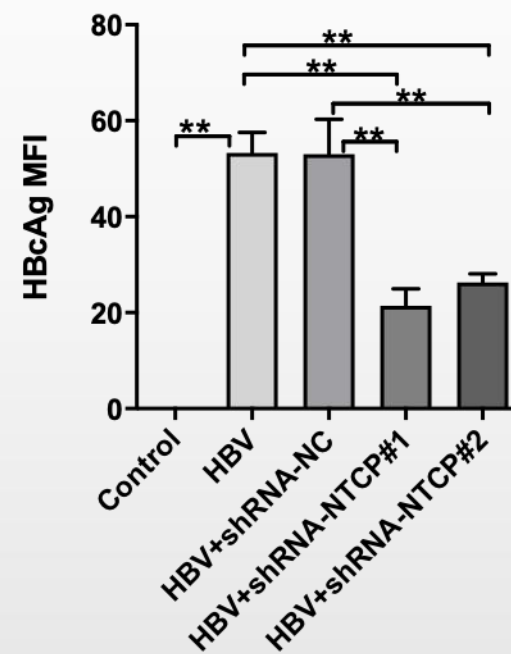
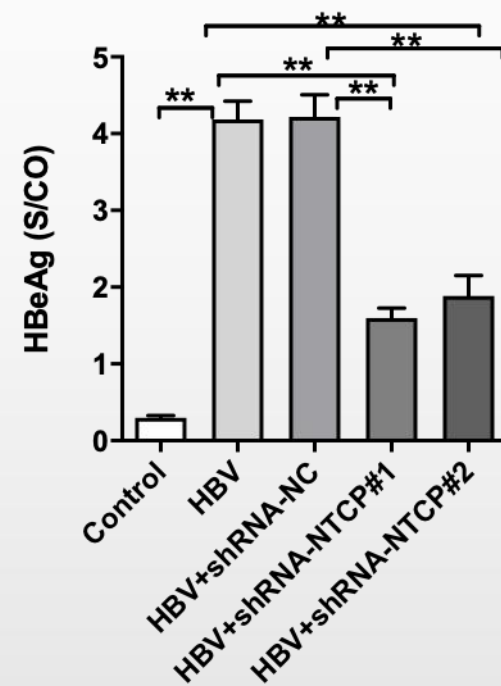
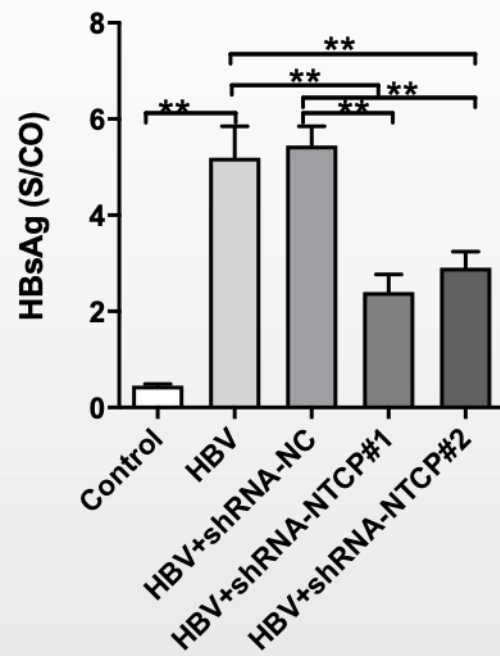


figure2D/E/F

2D

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP#1	HBV+shRNA-NTCP#2
Y	Y	Y	Y	Y
0.45	4.47	5.90	2.38	2.84
0.43	5.38	5.14	2.05	2.62
0.49	5.74	5.31	2.78	3.27

2E

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP#1	HBV+shRNA-NTCP#2
Y	Y	Y	Y	Y
0.32	3.93	4.32	1.45	1.82
0.26	4.24	4.44	1.64	2.18
0.31	4.39	3.89	1.70	1.65

2F

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP#1	HBV+shRNA-NTCP#2
Y	Y	Y	Y	Y
0.0000	53.3000	54.7500	25.5100	26.8300
0.0000	57.5600	45.1000	19.7900	27.7700
0.0000	49.0300	59.3100	18.9200	24.3800

figure2G

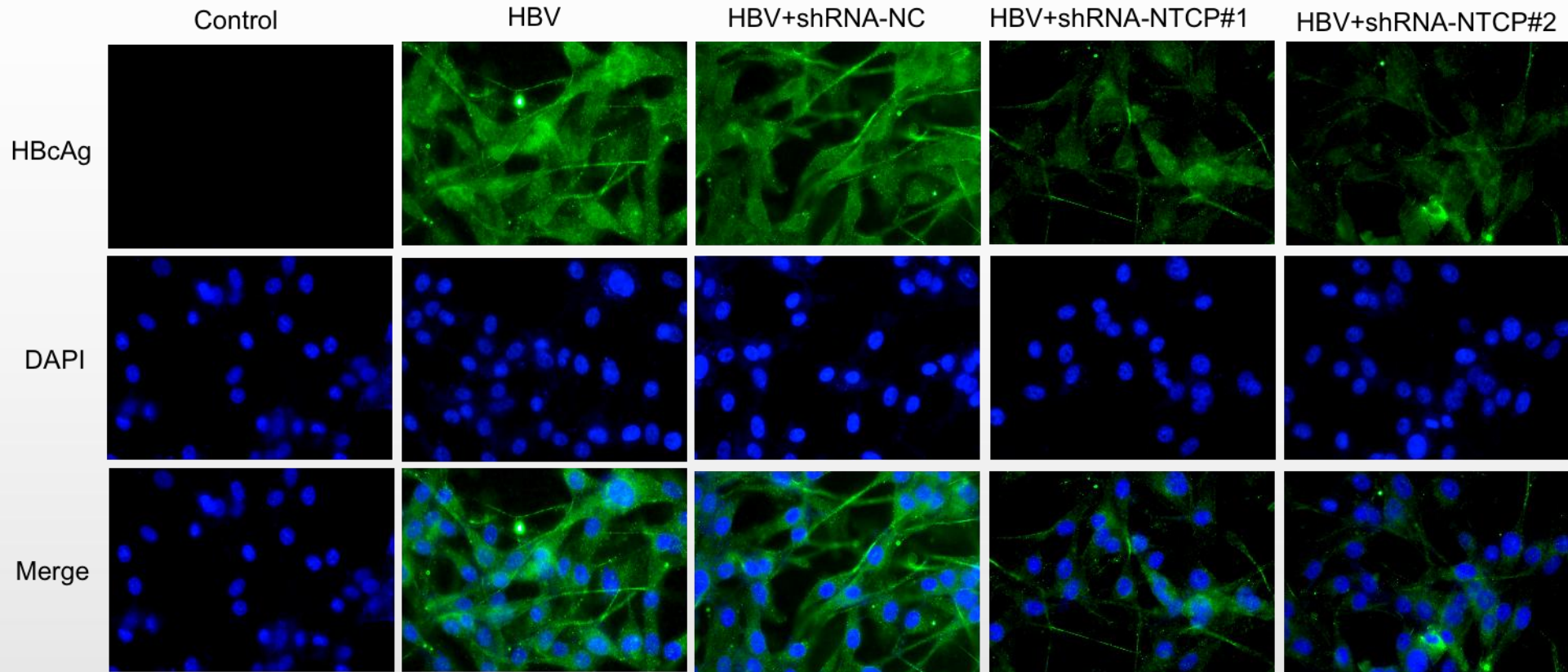


figure3A/B/C/D/E/F

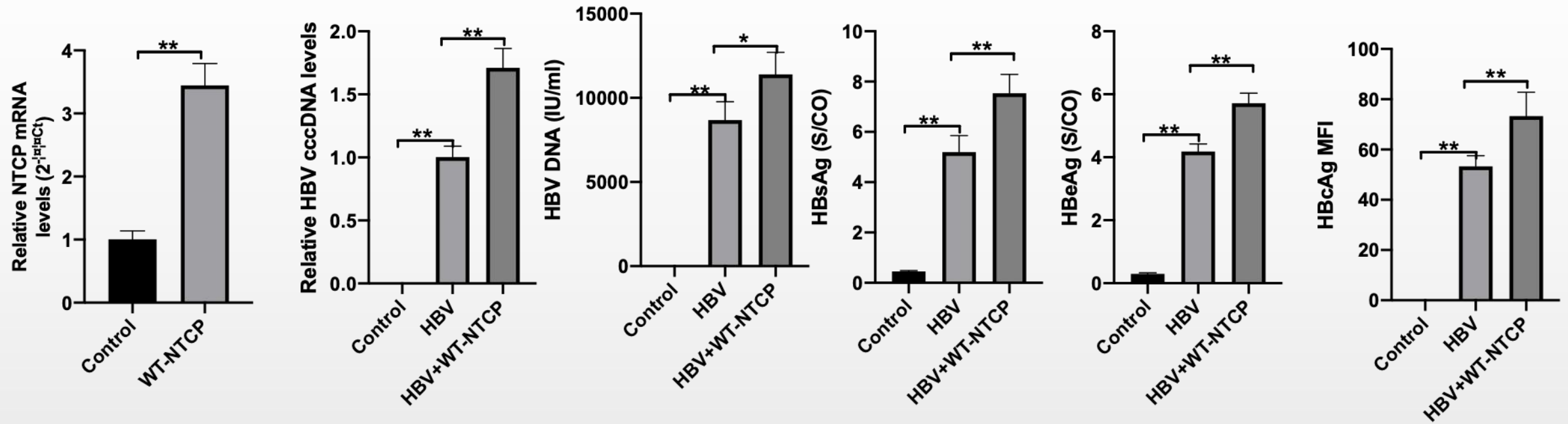


figure3A/B/C/D/E/F

NTCP mRNA			HBV cccDNA			HBV DNA		
Control	WT-NTCP		Control	HBV	WT-NTCP	Control	HBV	WT-NTCP
1.0619	3.4263		0.0005	1.0918	1.8489	9	8526	10628
0.8566	3.1095		0.0007	0.9181	1.7371	12	9833	12909
1.0994	3.8018		0.0008	0.9977	1.544	10	7687	10628
HBsAg			HBeAg			HBcAg		
Control	HBV	WT-NTCP	Control	HBV	V+WT-NTCP	Control	HBV	V+WT-NTCP
0.45	4.47	8.29	0.32	3.93	6.07	0	53.3	79.57
0.43	5.38	6.79	0.26	4.24	5.63	0	57.56	77.94
0.49	5.74	7.54	0.31	4.39	5.44	0	49.03	62.42

FIGURE 3G

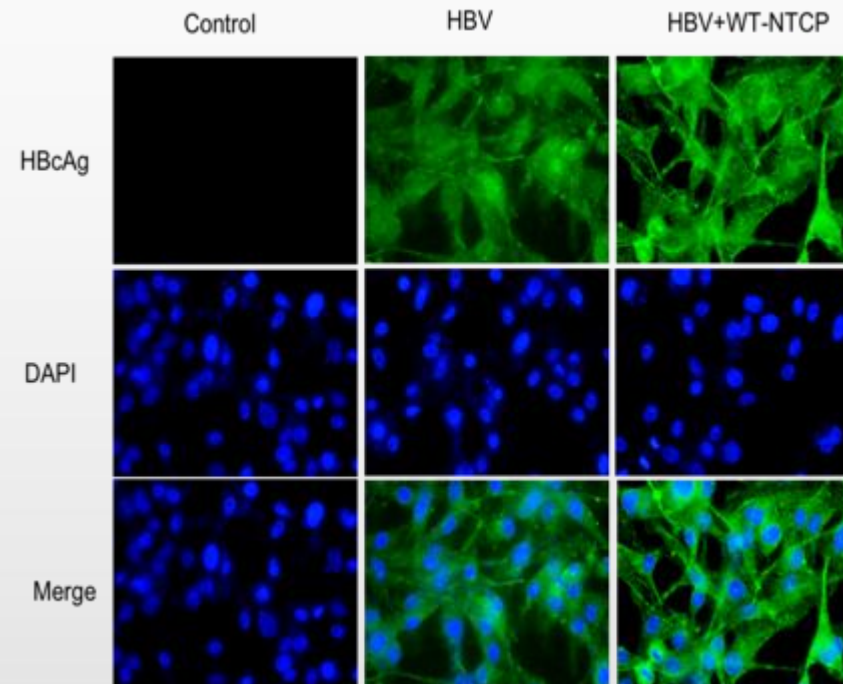


Figure 4A/B/C/D/E/F

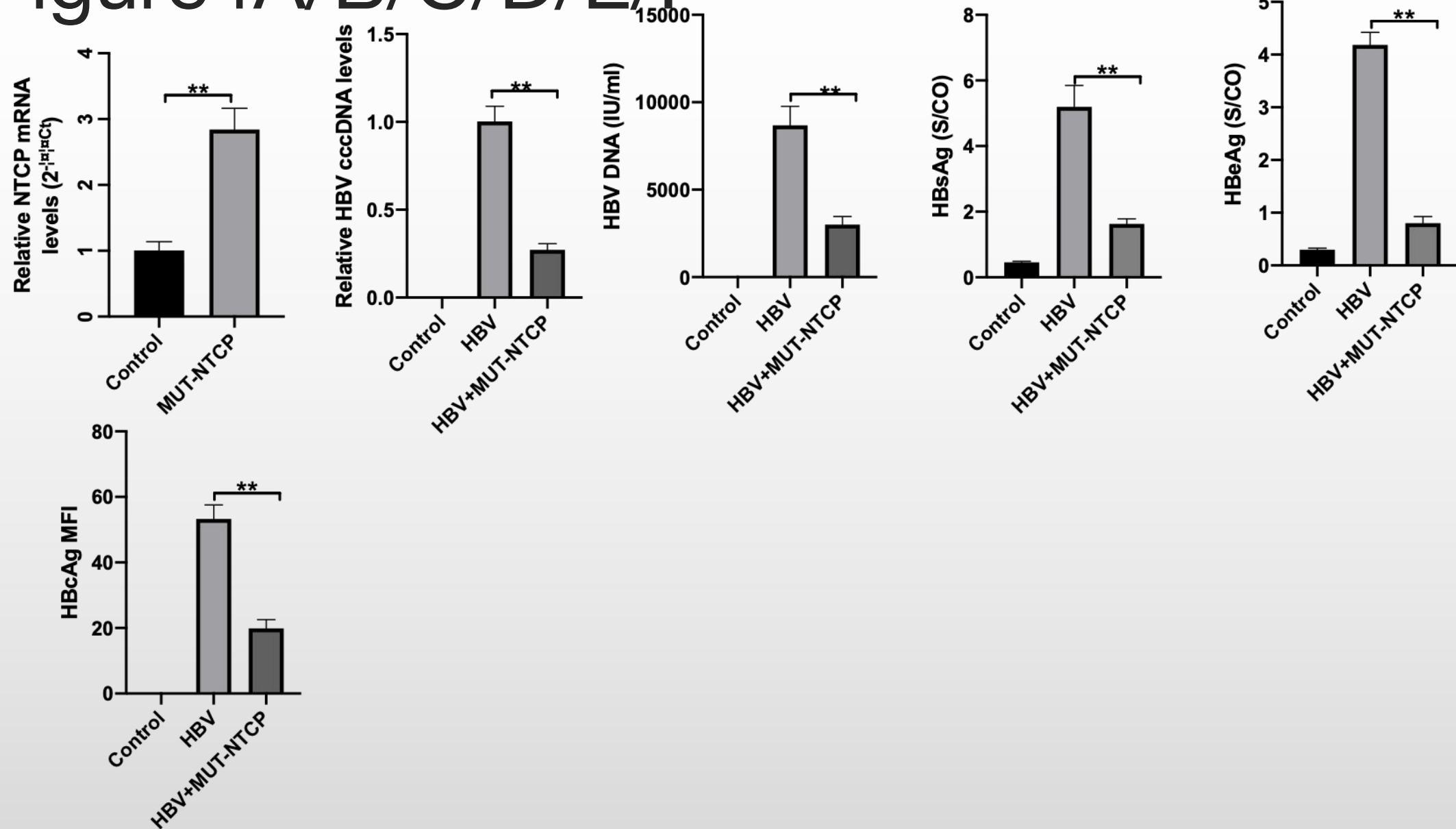


Figure4A/B/C/D/E/F

NTCP mRNA			HBV cccDNA			HBV DNA		
Control	MUT-NTCP		Control	HBV	+MUT-NTCP	Control	HBV	+MUT-NTCP
1.0619	2.8219		0.0005	1.0918	0.2426	9	8526	2473
0.8566	2.5257		0.0007	0.9181	0.3114	12	9833	3310
1.0994	3.1748		0.0008	0.9977	0.2618	10	7687	3225
HBsAg			HBeAg			HBcAg		
Control	HBV	+MUT-N	Control	HBV	+MUT-NTCP	Control	HBV	+MUT-NTCP
0.45	4.47	1.61	0.32	3.93	0.8	0	53.3	20.1
0.43	5.38	1.79	0.26	4.24	0.68	0	57.56	17.13
0.49	5.74	1.48	0.31	4.39	0.93	0	49.03	22.42

FIGURE 4G

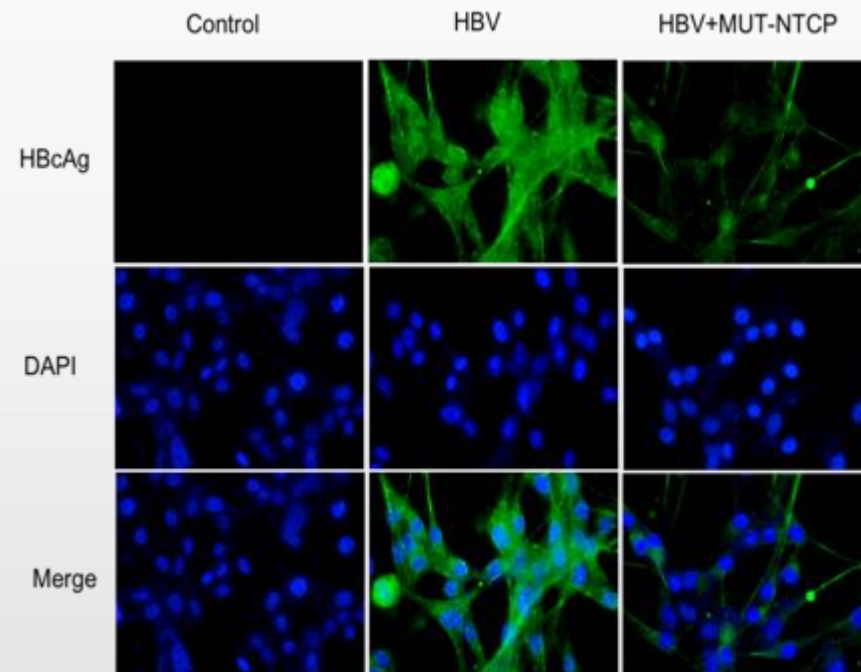


FIGURE 5A

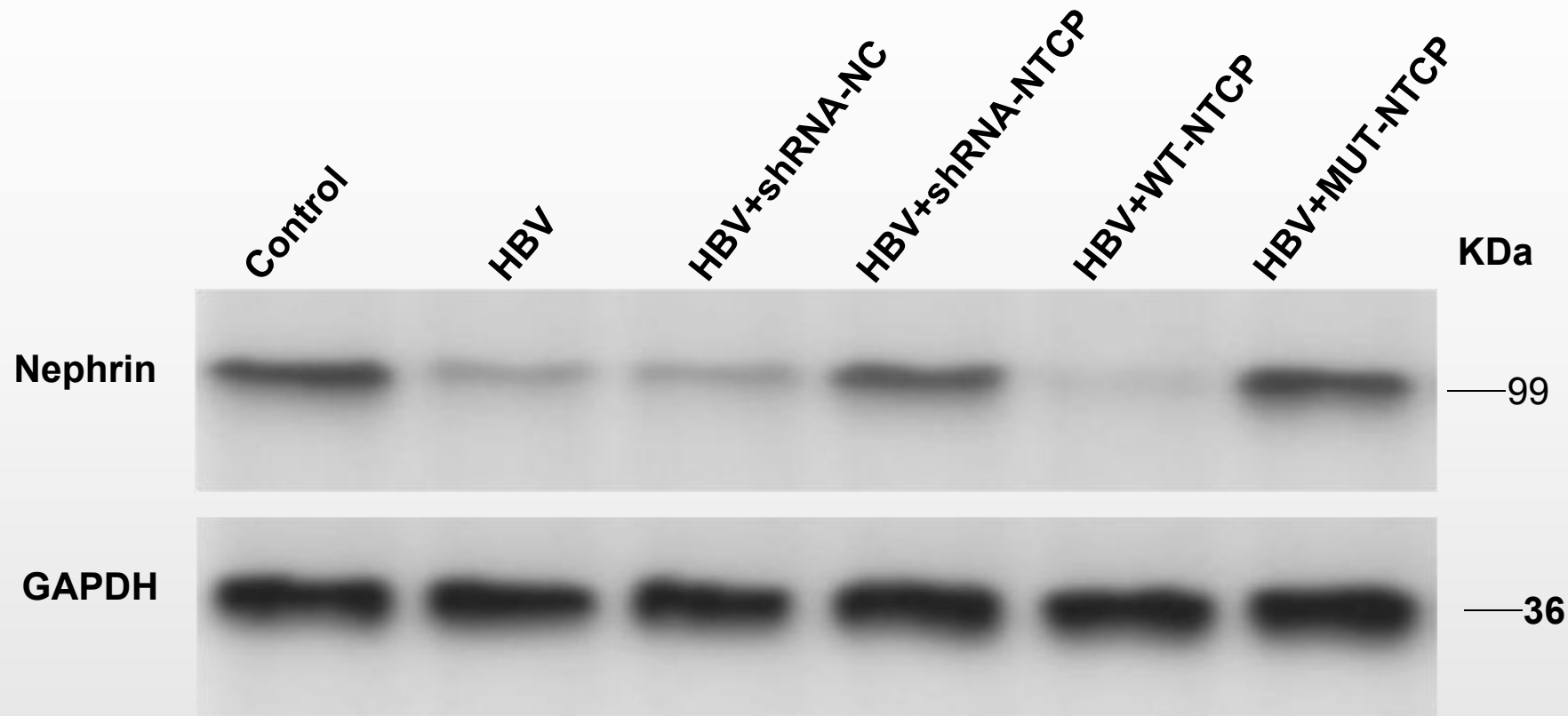
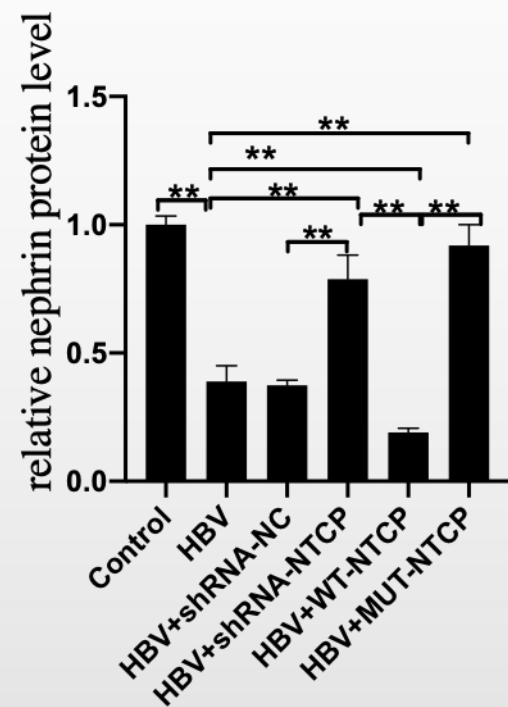
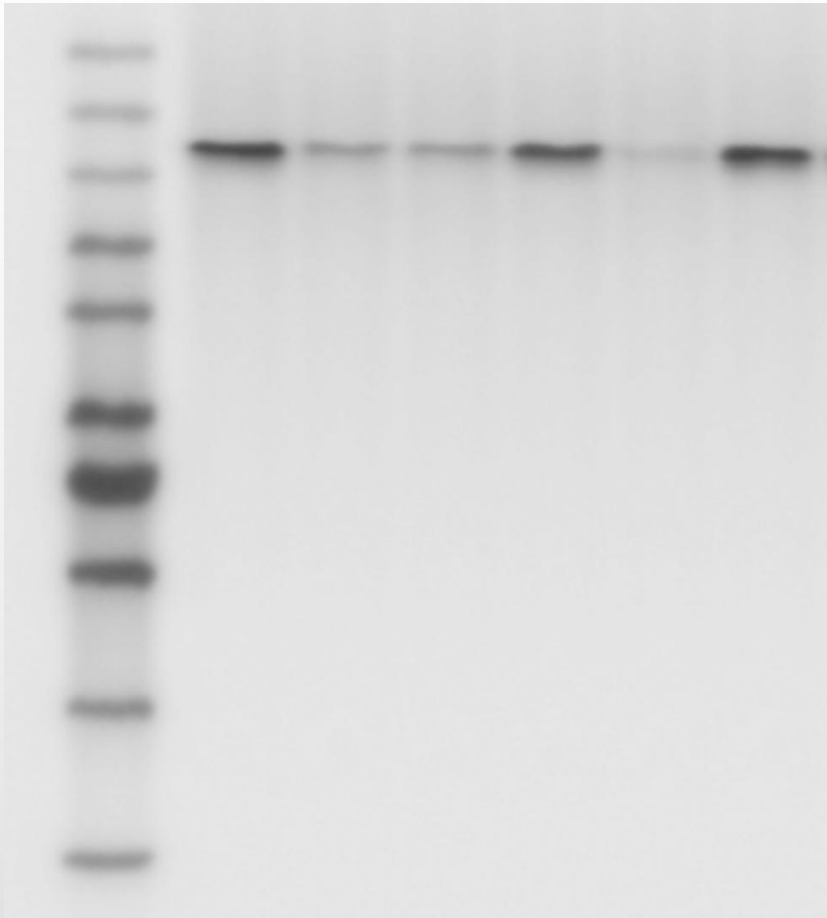


FIGURE5A



Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
1.0001	0.3476	0.3596	0.8206	0.1743	0.9537
0.9651	0.3625	0.3654	0.6804	0.2075	0.8269
1.0349	0.4592	0.3967	0.8597	0.1900	0.9780

FIGURE 5B

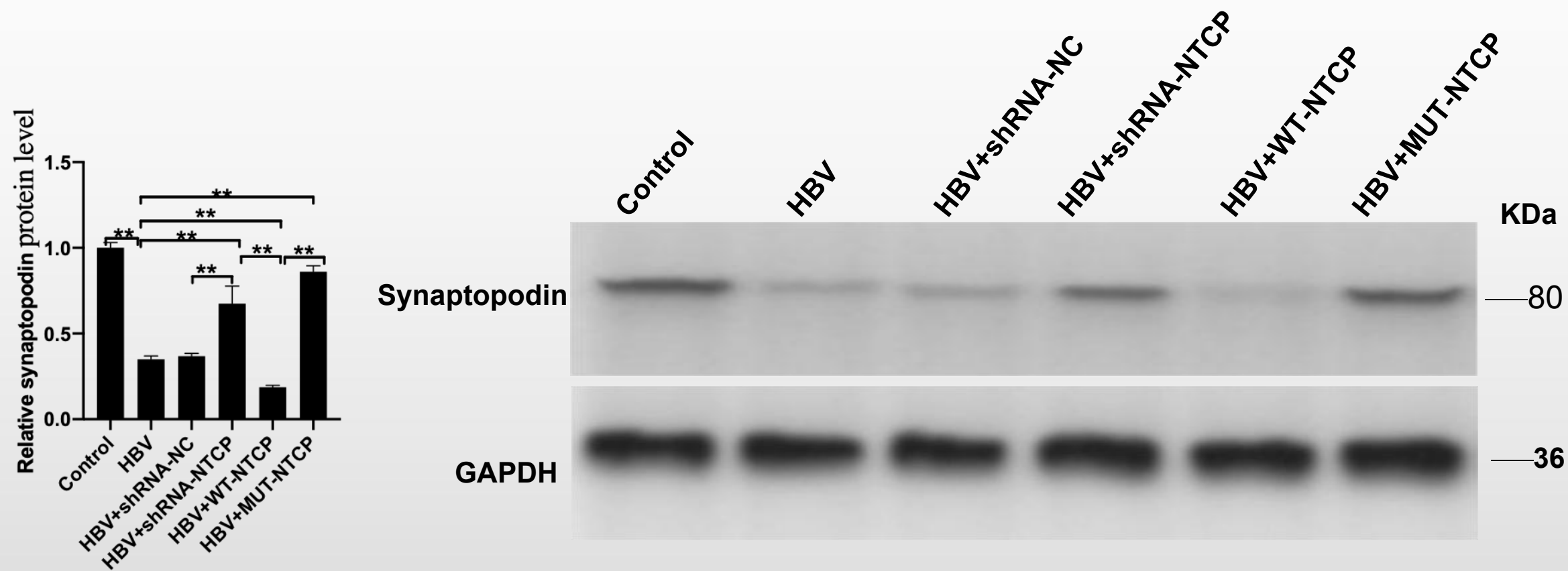
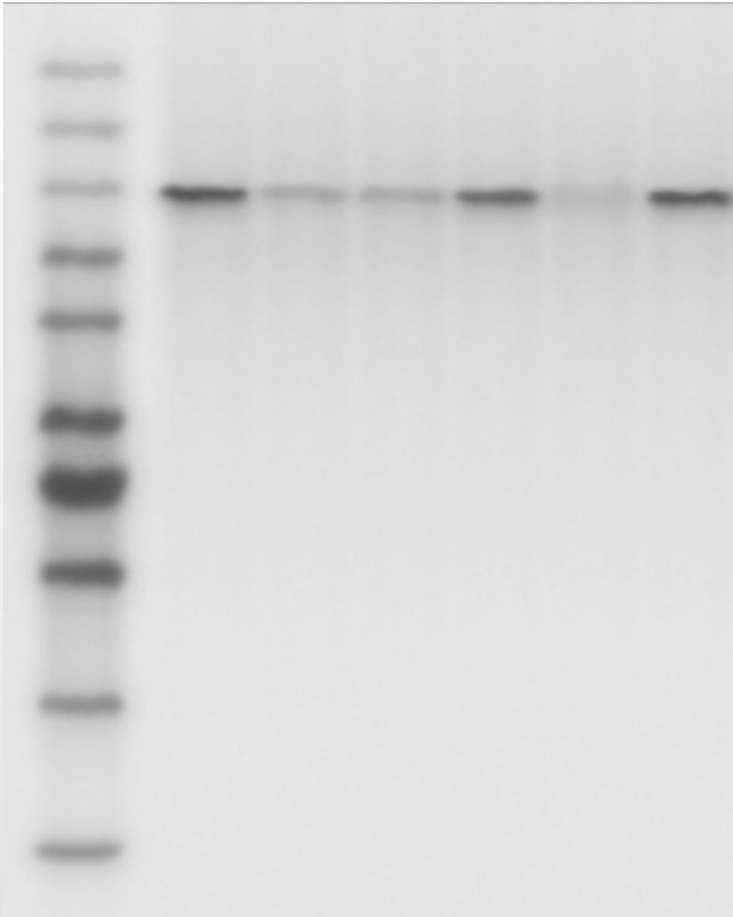


FIGURE5B



Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
1.0067	0.3656	0.3766	0.7911	0.1912	0.8883
1.0262	0.3262	0.3496	0.5972	0.1745	0.8212
0.9672	0.3558	0.3784	0.6351	0.1946	0.8716

figure5c

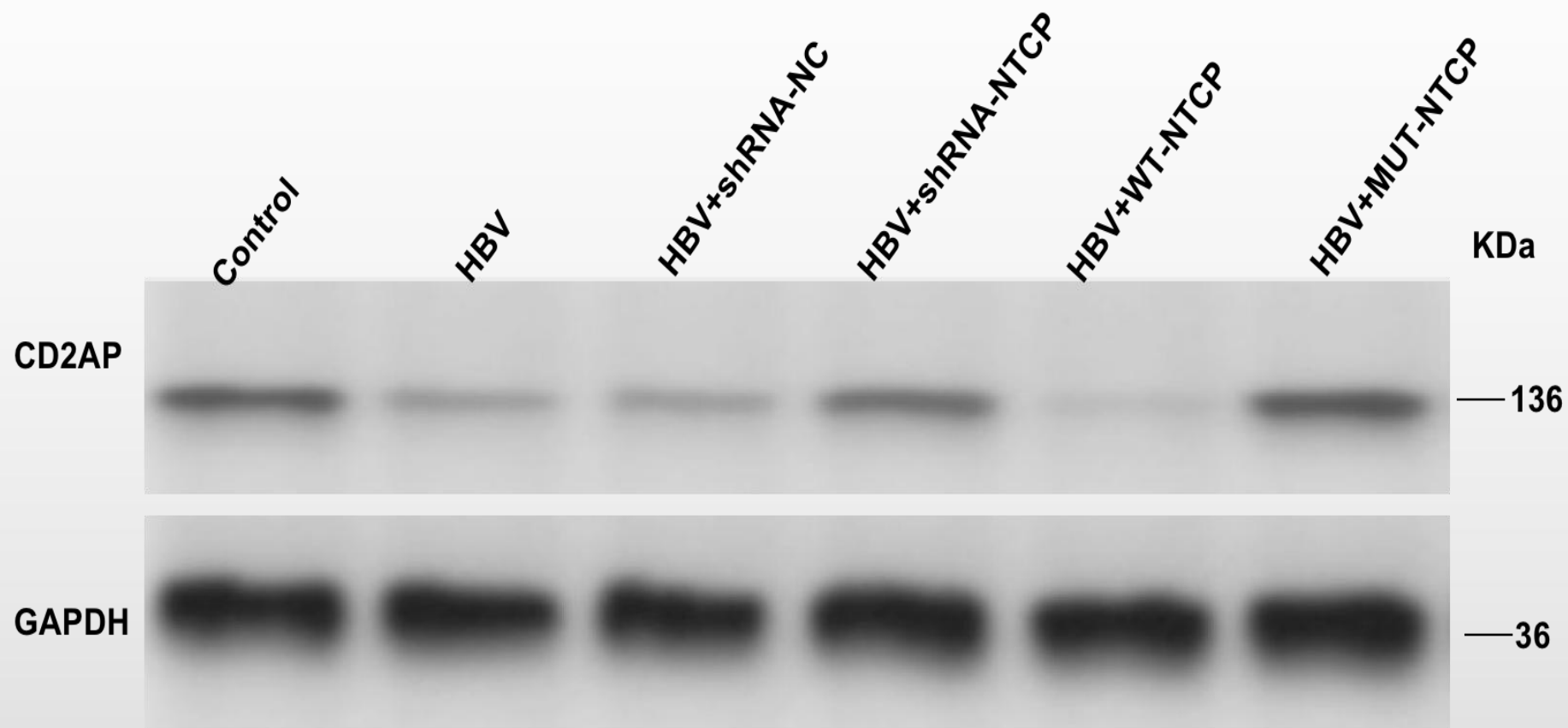
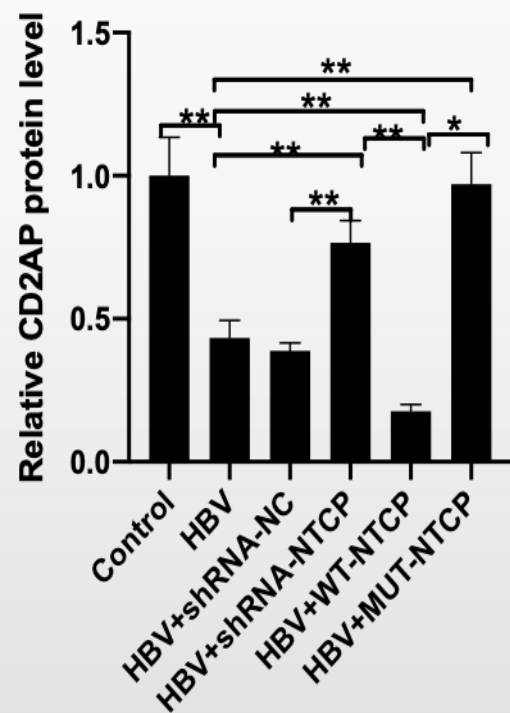
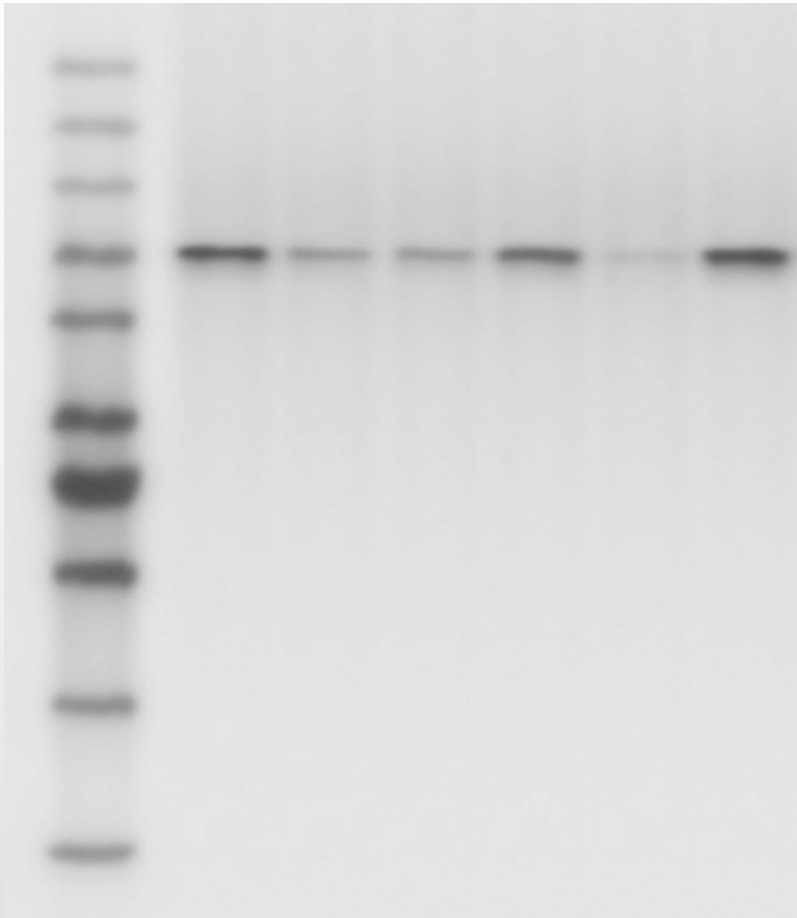
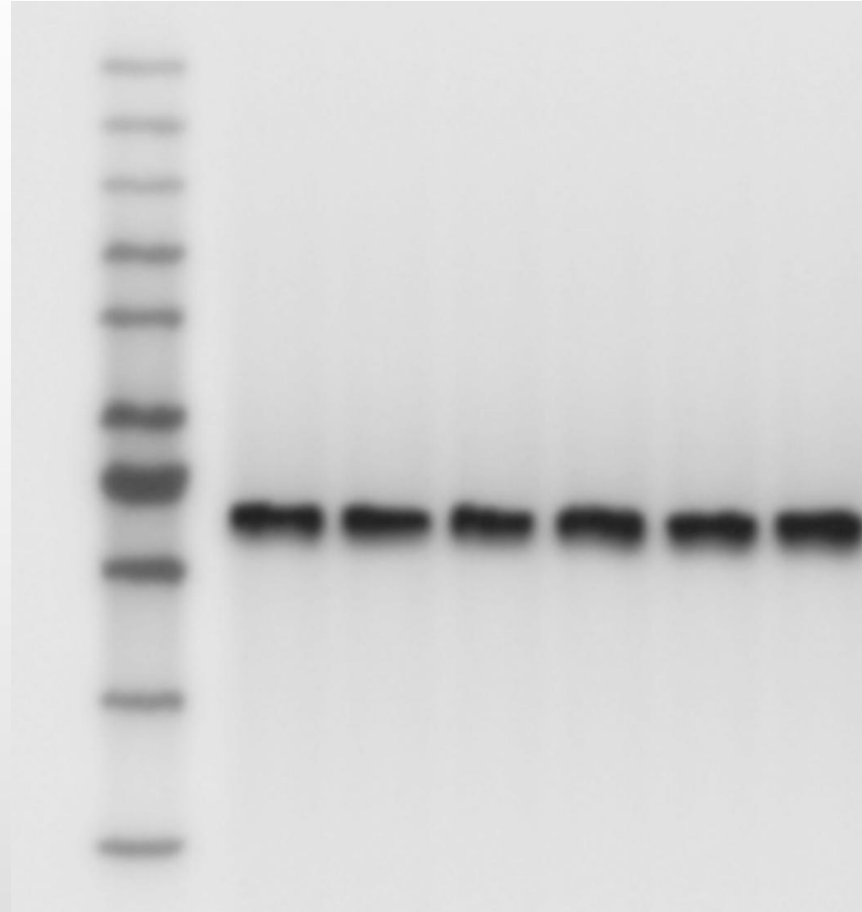


FIGURE5C



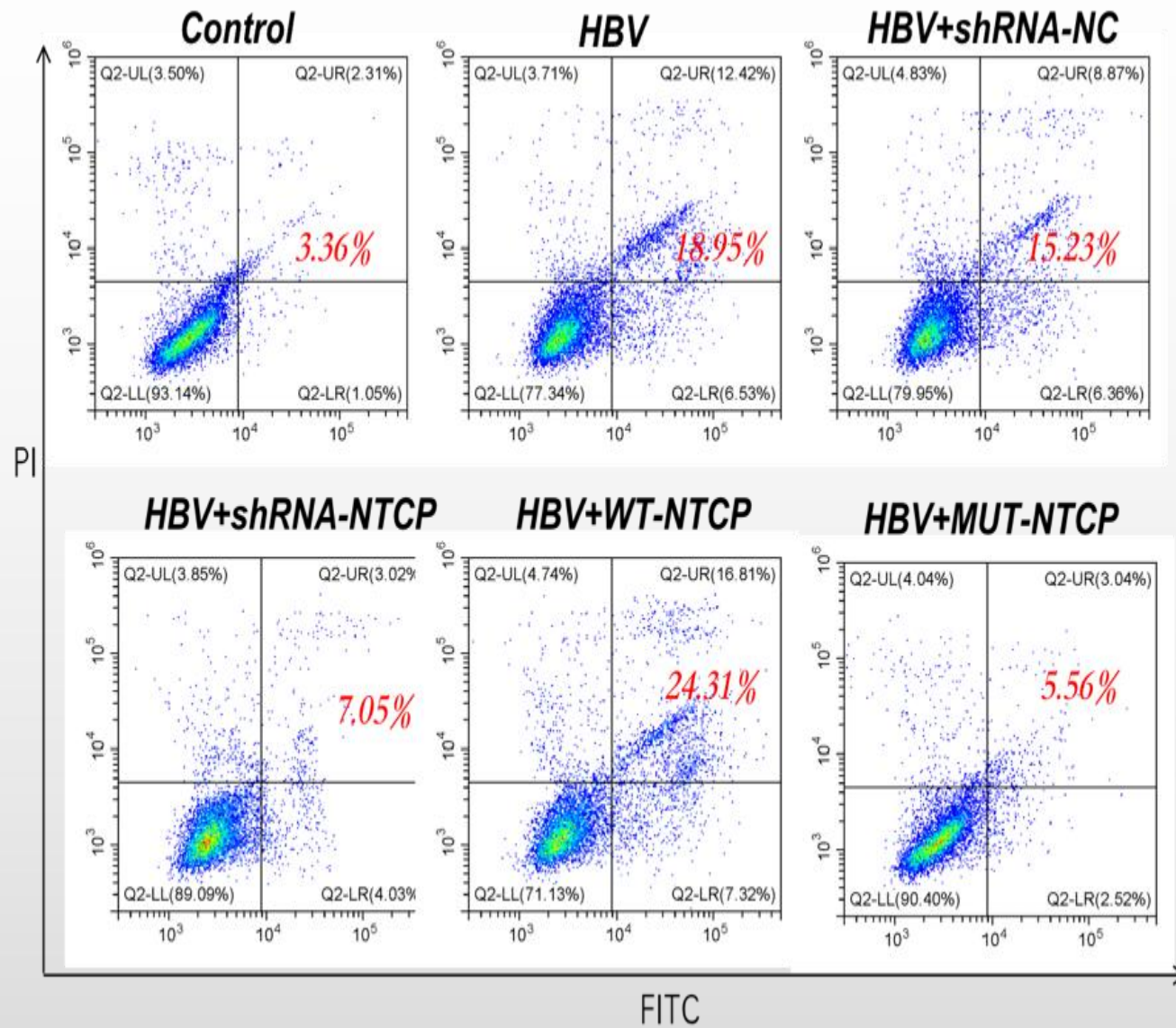
Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
0.9201	0.3695	0.3686	0.7102	0.1593	0.9149
0.9248	0.4352	0.3756	0.7303	0.1671	0.8982
1.1551	0.4936	0.4194	0.8545	0.2042	1.0978

FIGURE 5A/B/C: GAPDH

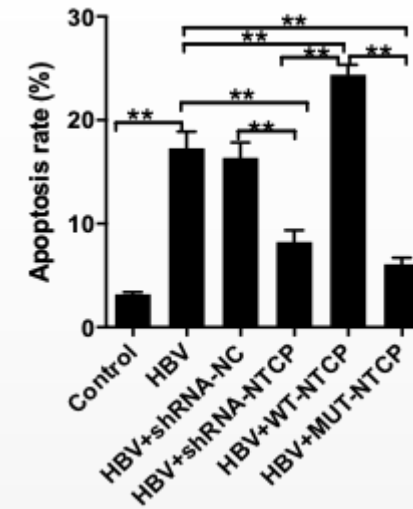


A

FIGURE6 QA/B/C



B



C

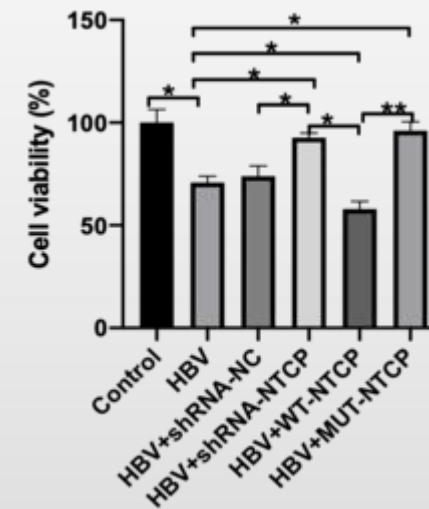


FIGURE6B/C

6B

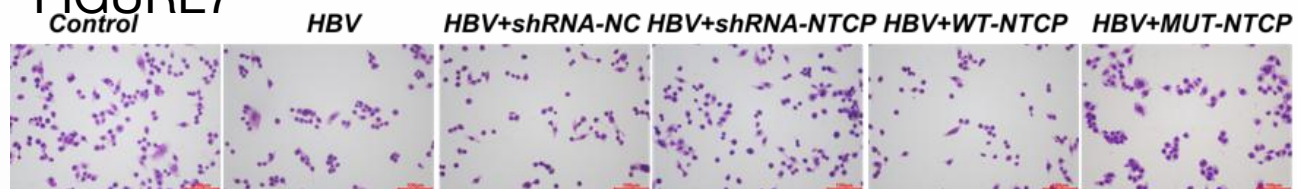
Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
3.24	17.13	18.03	8.41	25.43	6.76
2.94	15.77	15.84	7.05	23.58	5.56

6C

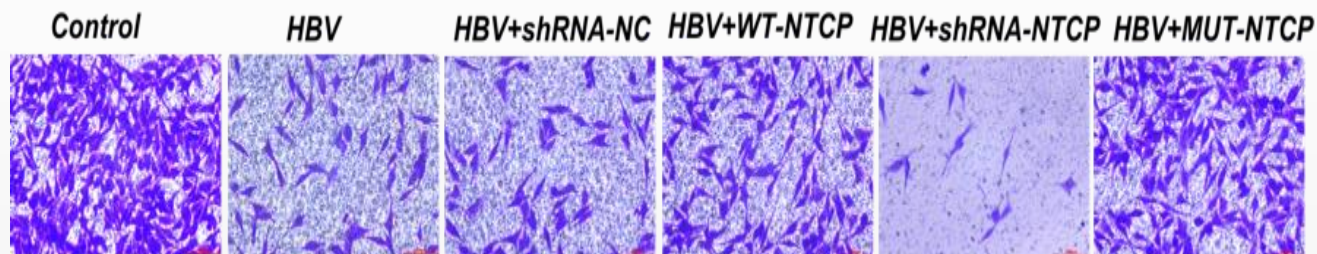
Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
96.86	70.19	78.76	93.79	55.00	100.22
107.38	74.20	68.66	89.99	56.48	91.48
95.76	68.11	74.38	94.21	62.26	96.38

FIGURE 7

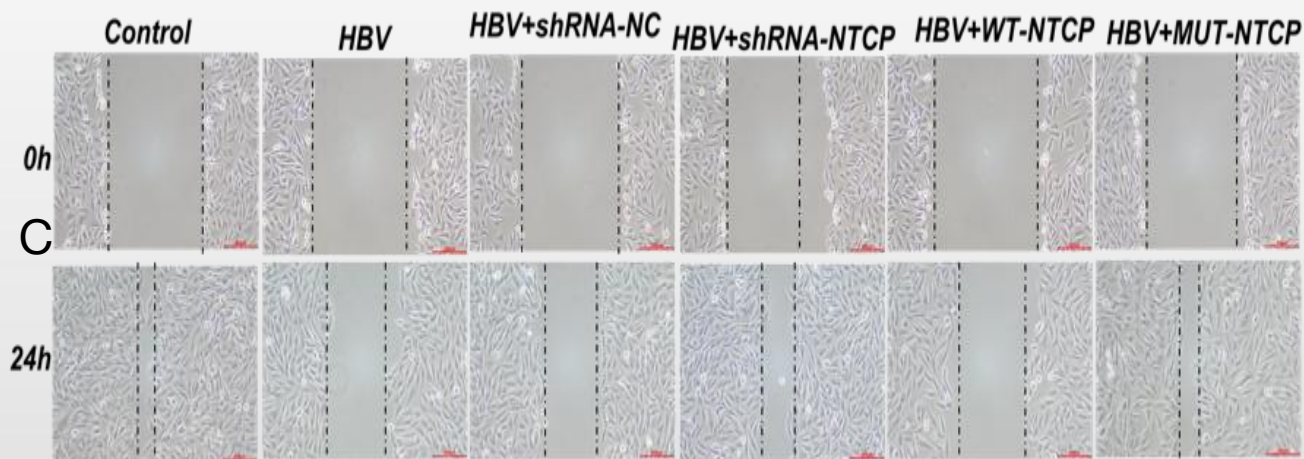
A



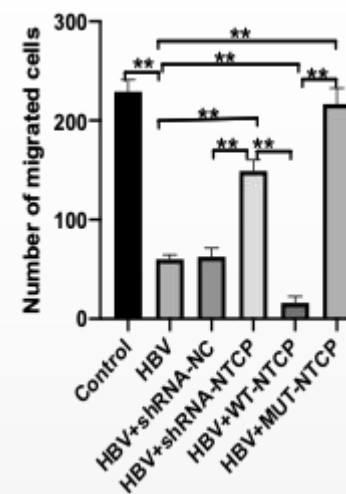
B



C



D



E

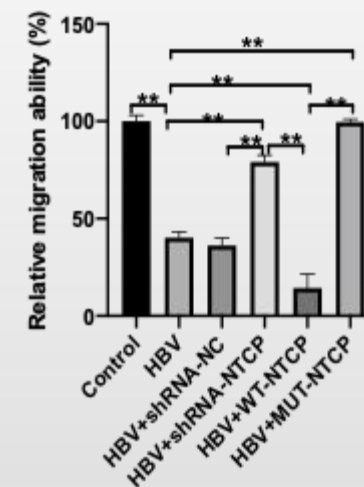


FIGURE7D/E

7D

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
218	61	65	157	23	199
227	64	70	136	15	230
242	55	53	154	10	221

7E

Control	HBV	HBV+shRNA-NC	HBV+shRNA-NTCP	HBV+WT-NTCP	HBV+MUT-NTCP
Y	Y	Y	Y	Y	Y
96.67	36.75	36.70	77.21	7.86	100.77
100.49	41.10	32.18	77.09	12.63	97.78
102.85	42.66	39.83	83.03	22.26	100.04