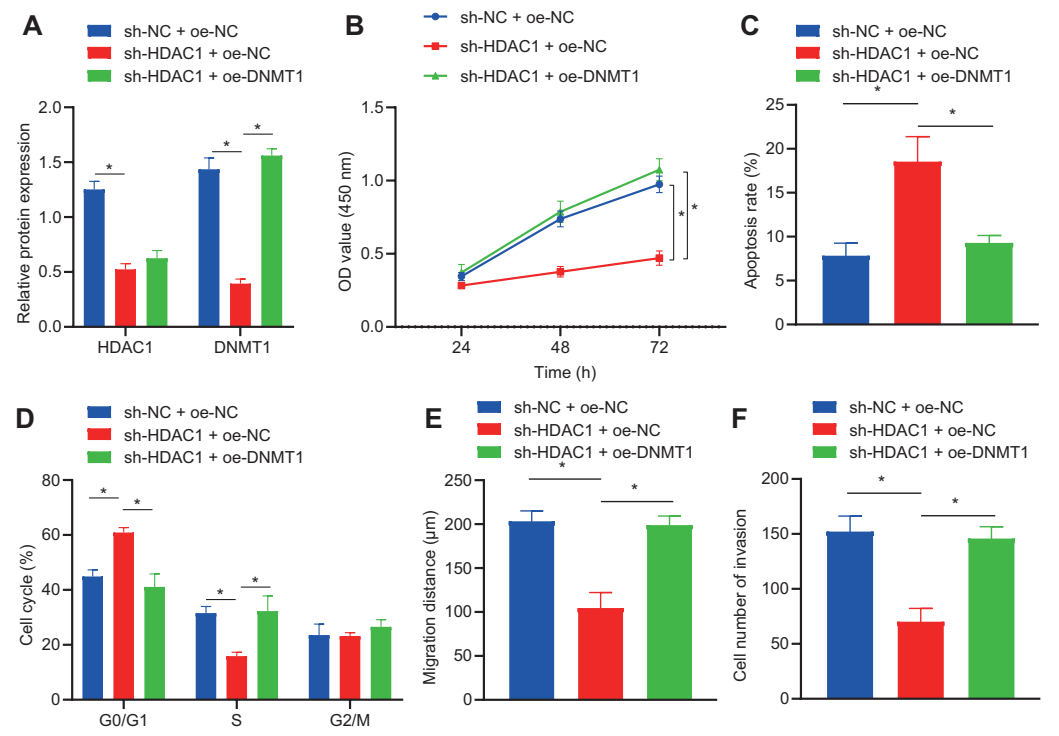
A
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
Relative protein expression
2.0
1.5
1.0
0.5
0.0
HDAC1
DNMT1
B
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
OD value (450 nm)
1.5
1.0
0.5
0.0
24
48
72
Time (h)
C
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
Apoptosis rate (%)
25
20
15
10
5
0
D
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
Cell cycle (%)
80
60
40
20
0
G0/G1
S
G2/M
E
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
Migration distance (μm)
250
200
150
100
50
0
F
sh-NC + oe-NC
sh-HDAC1 + oe-NC
sh-HDAC1 + oe-DNMT1
Cell number of invasion
200
150
100
50
0