HDAC6 Rabbit Polyclonal Antibody

CAB11259



Product Information	Protein Background
Size:	Histones play a critical role in transcriptional regulation, cell cycle progression, an
20uL, 50uL, 100uL, 200uL	developmental events. Histone acetylation/deacetylation alters chromosome structure an affects transcription factor access to DNA. The protein encoded by this gene belongs to class
Observed MW:	II of the histone deacetylase/acuc/apha family. It contains an internal duplication of tw catalytic domains which appear to function independently of each other. This protein possesse
170kDa	histone deacetylase activity and represses transcription.
Calculated MW:	Immunogen information
114kDa/131kDa	Gene ID:
Applications:	10013
WB IHC IF IP	Uniprot
Reactivity:	Q9UBN7
Human, Mouse, Rat	Synonyms: HDAC6; CPBHM; HD6; JM21; PPP1R90
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50 Source:	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 836-1104 of human HDAC6 (NP_006035.2).

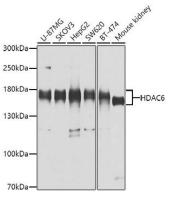
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

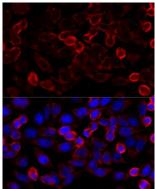
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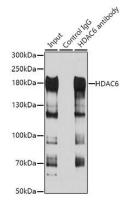
Rabbit

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using HDAC6 antibody (CAB11259) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.





Immunofluorescence analysis of HeLa cells using HDAC6 antibody (CAB11259) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 100ug extracts of HepG2 cells using 3ug HDAC6 antibody (CAB11259). Western blot was performed from the immunoprecipitate using HDAC6 antibody (CAB11259) at a dilition of 1:1000.