

HDAC6 polyclonal antibody

Catalog: BS6784

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

160KDa

Swiss-Prot:

Q9UBN7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IHC,1:50 - 1:200|IF/ICC,1:50 - 1:200|IP,1:20 - 1:50

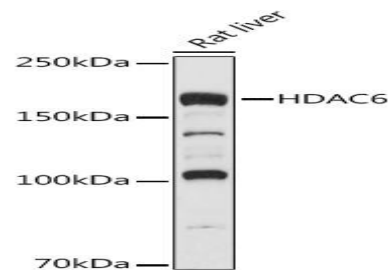
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

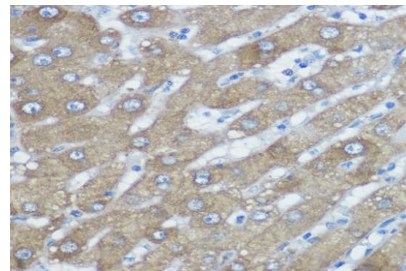
Category:

Polyclonal Antibodies

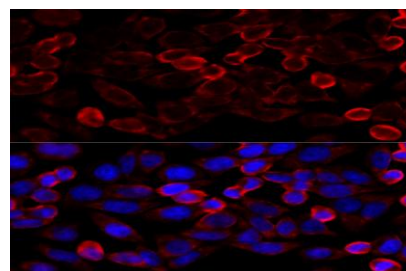
DATA:



Western blot analysis of extracts of Rat liver, using HDAC6 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human liver using HDAC6 Rabbit pAb at dilution of 1:400. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of HeLa cells using HDAC6 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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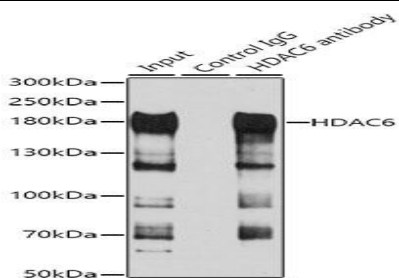
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Immunoprecipitation analysis of 100ug extracts of HepG2 cells using 3ug HDAC6 antibody . Western blot was performed from the immunoprecipitate using HDAC6 antibody at a dilution of 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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