

HDAC6 Rabbit mAb

Catalog No.: A3572

Recombinant

2 Publications

Basic Information

Observed MW

160kDa

Calculated MW

131kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IP

Cross-Reactivity

Human

CloneNo number

ARC0805

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

10013

Swiss Prot

Q9UBN7

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC6 (Q9UBN7).

Synonyms

HD6; JM21; CPBHM; PPP1R90; HDAC6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

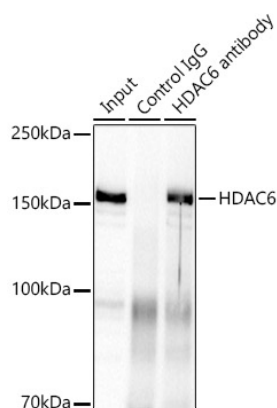
Affinity purification

Storage

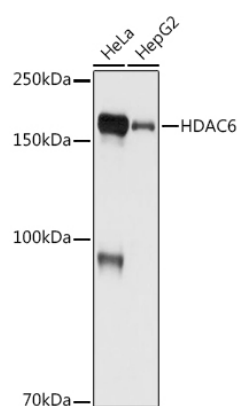
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

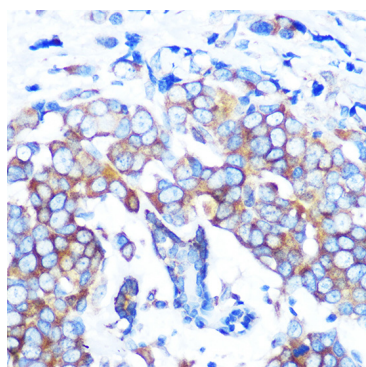
Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg HDAC6 antibody (A3572). Western blot was performed from the immunoprecipitate using HDAC6 antibody (A3572) at a dilution of 1:1000.



Western blot analysis of various lysates using HDAC6 Rabbit mAb (A3572) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using HDAC6 Rabbit mAb (A3572) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.