HDAC6 Rabbit mAb

Catalog No.: A3572 Recombinant 2 Publications



Basic Information

Observed MW

160kDa

Calculated MW

131kDa

Category

Primary antibody

Applications

WB,IHC-P,IP,ELISA

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 1:1000 - 1:6000

IHC-P 1:100 - 1:1000

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

400µg extracts o

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
10013
Q9UBN7

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HD6; JM21; CPBHM; PPP1R90; HDAC6

Contact

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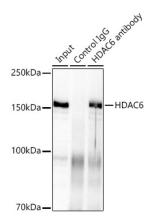
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

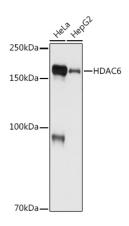
Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



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



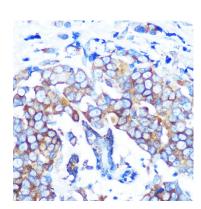
Western blot analysis of various lysates using HDAC6 Rabbit mAb (A3572) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunohistochemistry analysis of paraffinembedded Human breast cancer using HDAC6 Rabbit mAb (A3572) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.