

HDAC6 Rabbit mAb

Catalog No.: A22169 **Recombinant**

Basic Information

Observed MW

160kDa

Calculated MW

131kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC55934

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 - 1:5000

Immunogen Information

Gene ID

10013

Swiss Prot

Q9UBN7

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 600-700 of human HDAC6 (NP_006035.2).

Synonyms

HD6; JM21; CPBHM; PPP1R90; HDAC6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

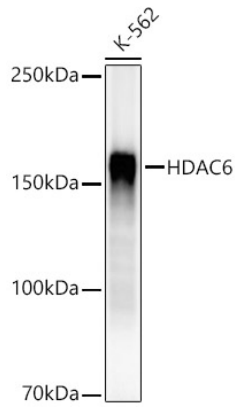
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts from K-562 cells, using HDAC6 Rabbit mAb (A22169) at 1:2000 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 Enhanced Kit (RM00021).
Exposure time: 30s.