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[KD Validated] HDAC10 Rabbit pAb

Catalog No.: A24335

1 Publications

Basic Information

Observed MW
71kDa

Calculated MW
71kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, ELISA

Cross Reactivity
Human, Mouse

Background

The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:100 - 1:300

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
83933

Swiss-Prot
Q969S8

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

Synonyms
HD10; [KD Validated] HDAC10

Contact

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Product Information

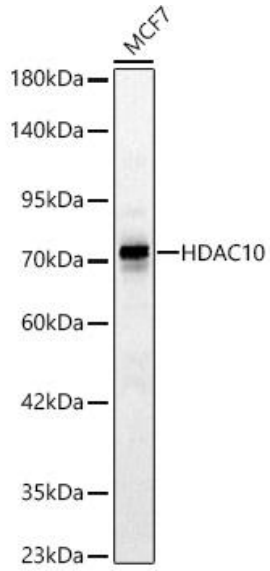
Source
Rabbit

Isotype
IgG

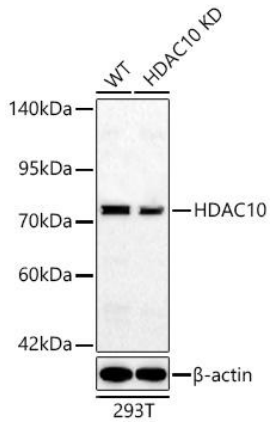
Purity
Affinity purification

Storage
Store at -20℃

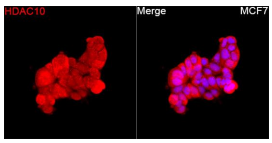
Validation Data



Western blot analysis of lysates from MCF7 cells, using [KD Validated] HDAC10 Rabbit pAb (A24335) at 1:600 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: 30s.



Western blot analysis of lysates from wild type(WT) and HDAC10 knockdown (KD) 293T cells, using [KD Validated] HDAC10 Rabbit pAb (A24335) at 1:600 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of MCF7 cells using [KD Validated] HDAC10 Rabbit pAb (A24335) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.