

Rabbit anti-Human HDAC2 Monoclonal Antibody | anti-HDAC2 antibody

HDAC2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282769	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

HDAC2; Monoclonal Antibody; HDAC2 Rabbit mAb; HD2; RPD3; YAF1; KDAC2; anti-HDAC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAYSQGGGKK KVCYYYDGI GNYYYGQGHP MKPHRIRMTH LLLNLYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVED
Applicable Applications for anti-HDAC2 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC2 (NP_001518.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts of HeLa cells using 3 ug HDAC2 antibody (AAA282769). Western blot was performed from the immunoprecipitate using HDAC2 antibody (AAA282769) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates using HDAC2 Rabbit mAb (AAA282769) at 1:1000 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: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC2 antibody

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-HDAC2 antibody

Epigenetics Nuclear Signaling; Epigenetic writers and erasers of core Histones; Nuclear Receptor Signaling; Signal Transduction; Cell Biology Developmental Biology; Cell Cycle; Cell Cycle Control-G1 S Checkpoint; Wnt ---Catenin Signaling Pathway; Immunolo

NCBI AND UNIPROT INFORMATION

NCBI GI #	293336691
NCBI GeneID	3066
NCBI Accession #	NP_001518.3
NCBI GenBank Nucleotide #	NM_001527.3
UniProt Accession #	Q92769; Q5SRI8; Q5SZ86; Q8NEH4; B4DL58; E1P561
Molecular Weight	Calculated MW: 55kDa Observed MW: 60kDa
UniProt Protein Name	Histone deacetylase 2
UniProt Gene Name	HDAC2
UniProt Synonym Gene Names	HD2
UniProt Entry Name	HDAC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hdac2-antibody-immunoprecipitation-western-blot-elisa/282769>