

Rabbit anti-Human HDAC3 Monoclonal Antibody | anti-HDAC3 antibody

HDAC3 Rabbit mAb

CATALOG # AAA282730	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	---

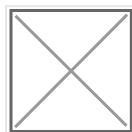
PRODUCT SYNONYMS

HDAC3; Monoclonal Antibody; HDAC3 Rabbit mAb; HD3; RPD3; KDAC3; RPD3-2; anti-HDAC3 antibody

PRODUCT SPECIFICATIONS

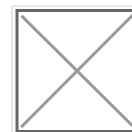
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FEYFAPDFTL HPDVSTRIEN QNSRQYLDQI RQTIFENLKM LNHAPSVQIH DVPADLLTYD RTDEADAEER GPEENYSRPE APNEFYDGDH DNDKESDVEI
Applicable Applications for anti-HDAC3 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 329-428 of human HDAC3 (NP_003874.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of HDAC3 from 300 ug extracts of HeLa cells was performed using 3 ug of HDAC3 Rabbit mAb (AAA282730). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using HDAC3 Rabbit mAb (AAA282730) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates using HDAC3 Rabbit mAb (AAA282730) at 1:1000 dilution incubated overnight at 4?.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: 1min.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC3 antibody

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 the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Product Categories/Family for anti-HDAC3 antibody

Epigenetics Nuclear Signaling; Nuclear Receptor Signaling; Cancer; Tumor suppressors; Signal Transduction; Cell Biology Developmental Biology; Apoptosis; Cell Cycle; Cell Cycle Control-G1 S Checkpoint; Wnt ---Catenin Signaling Pathway; Endocrine Metabolis

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128862
NCBI GeneID	8841
NCBI Accession #	NP_003874.2
NCBI GenBank Nucleotide #	NM_003883.3
UniProt Accession #	O15379; O43268; Q9UEI5; Q9UEV0; D3DQE1
Molecular Weight	Calculated MW: 49kDa Observed MW: 49kDa
UniProt Protein Name	Histone deacetylase 3
UniProt Gene Name	HDAC3
UniProt Synonym Gene Names	HD3
UniProt Entry Name	HDAC3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hdac3-antibody-immunoprecipitation-western-blot-elisa/282730>