

Rabbit HDAC1 Polyclonal Antibody | anti-HDAC1 antibody

HDAC1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198336	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

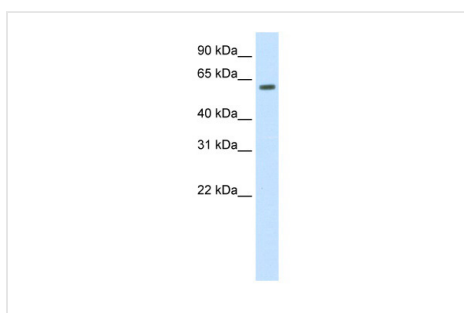
PRODUCT SYNONYMS

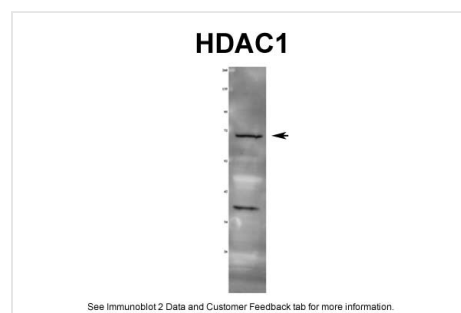
HDAC1; Polyclonal Antibody; HDAC1 antibody - C-terminal region; anti-HDAC1 antibody

PRODUCT SPECIFICATIONS

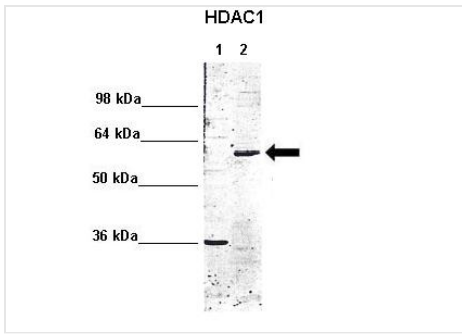
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD SEEEGEGGRK NSSNFKAKR VKTEDEKEKD PEEKKEVTEE EKTKEEKP
Sequence Length	482
Applicable Applications for anti-HDAC1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Yeast: 91%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human HDAC1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-HDAC1 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:31250
Positive Control: Human Thymus

WB (Western Blot)

WB Suggested Anti-HDAC1 Antibody Titration: 1 ug/ml
Positive Control: Rat tissue



WB (Western Blot)
 WB Suggested Anti-HDAC1 Antibody Positive Control: Lane 1: 5ug mouse brain cytoplasm
 Lane 2: 5ug mouse brain nucleus Primary Antibody Dilution : 1:1000 Secondary Antibody :
 Anti rabbit - IR-dye Secondary Antibody Dilution : 1:10,000 Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC1 antibody	This is a rabbit polyclonal antibody against HDAC1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. HDAC1 belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. HDAC1 also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, HDAC1 deacetylates p53 and modulates its effect on cell growth and apoptosis. Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.
Product Categories/Family for anti-HDAC1 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Transcription Regulation ; Chromatin & Nuclear Signaling ; Epigenetics ; Apoptosis ; Disease Related ; Acetylation ; Transcription Factors ; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128860
NCBI GeneID	3065
NCBI Accession #	NP_004955
NCBI GenBank Nucleotide #	NM_004964
UniProt Accession #	Q13547
Molecular Weight	55kDa
NCBI Official Full Name	histone deacetylase 1
NCBI Official Synonym Full Names	histone deacetylase 1
NCBI Official Symbol	HDAC1
NCBI Official Synonym Symbols	HD1; RPD3; KDAC1; GON-10; RPD3L1
NCBI Protein Information	histone deacetylase 1
UniProt Protein Name	Histone deacetylase 1
UniProt Gene Name	HDAC1
UniProt Synonym Gene Names	RPD3L1; HD1
UniProt Entry Name	HDAC1_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://www.aaabiotech.com/polyclonal/hdac1-antibody-western-blot-elisa/198336>