

Rabbit HDAC3 Polyclonal Antibody | anti-HDAC3 antibody

HDAC3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287165	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

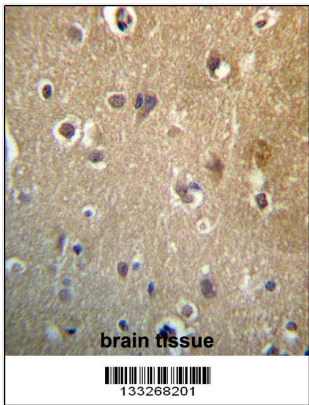
PRODUCT SYNONYMS

HDAC3; Polyclonal Antibody; HDAC3 Antibody (C-term); Histone deacetylase 3; HD3; RPD3-2; SMAP45; anti-HDAC3 antibody

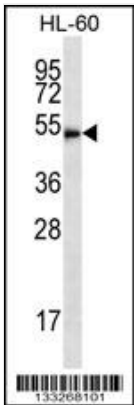
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HDAC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-412 amino acids from the C-terminal region of human HDAC3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	383-412
Sequence Length	429
Applicable Applications for anti-HDAC3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HDAC3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HDAC3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HDAC3 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the HDAC3 antibody detected the HDAC3 protein (arrow).

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. [provided by RefSeq].
Product Categories/Family for anti-HDAC3 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Minamiya, Y., et al. Tumour Biol. 31(5):533-539(2010) Kim, H.C., et al. Cell. Mol. Life Sci. 67(20):3499-3510(2010) Yang, Z., et al. Clin. Chem. Lab. Med. (2010) In press : Kim, T., et al. Psychiatry Res 178(2):266-269(2010) Adams, H., et al. Expert Opin. Ther. Targets 14(6):577-584(2010)

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	48848
NCBI Official Full Name	histone deacetylase 3
NCBI Official Synonym Full Names	histone deacetylase 3
NCBI Official Symbol	HDAC3

NCBI Official Synonym Symbols	HD3; RPD3; RPD3-2
NCBI Protein Information	histone deacetylase 3
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://www.aaabiotech.com/polyclonal/hdac3-antibody-immunohistochemistry-western-blot-elisa/287165>