

Rabbit anti-Human HDAC7 Polyclonal Antibody | anti-HDAC7 antibody

HDAC7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285519	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

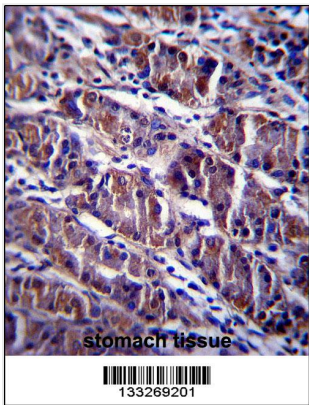
PRODUCT SYNONYMS

HDAC7; Polyclonal Antibody; HDAC7 Antibody (C-term); Histone deacetylase 7; HD7; Histone deacetylase 7A; HD7a; HDAC7A; anti-HDAC7 antibody

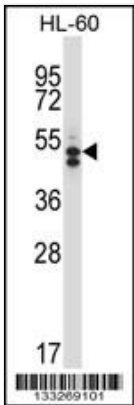
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HDAC7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 846-875 amino acids from the C-terminal region of human HDAC7.
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: 0.42 (varies by lot)
Sequence Positions	846-875
Sequence Length	614
Applicable Applications for anti-HDAC7 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)
HDAC7 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HDAC7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HDAC7 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the HDAC7 antibody detected the HDAC7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC7 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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HDAC7 antibody	Cardiovascular; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Margariti, A., et al. Circ. Res. 106(7):1202-1211(2010) Hutt, D.M., et al. Nat. Chem. Biol. 6(1):25-33(2010) Malik, S., et al. Mol. Cell. Biol. 30(2):399-412(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539870
NCBI GeneID	51564
NCBI Accession #	NP_001091886.1; NP_056216.2
NCBI GenBank Nucleotide #	NM_001098416.3
UniProt Accession #	Q8WUI4; Q6P1W9; Q6W9G7; Q7Z4K2; Q7Z5I1; Q96K01; Q9BR73; Q9H7L0; Q9NW41; B3KY08; B4DWI0; B4EQQ5
Molecular Weight	102927
NCBI Official Full Name	histone deacetylase 7 isoform d
NCBI Official Synonym Full Names	histone deacetylase 7
NCBI Official Symbol	HDAC7
NCBI Official Synonym Symbols	HD7; HD7A; HDAC7A

NCBI Protein Information	histone deacetylase 7
UniProt Protein Name	Histone deacetylase 7
UniProt Gene Name	HDAC7
UniProt Synonym Gene Names	HDAC7A; HD7; HD7a
UniProt Entry Name	HDAC7_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://www.aaabiotech.com/polyclonal/hdac7-antibody-immunohistochemistry-western-blot-elisa/285519>