

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

HDAC7 Antibody

CATALOG # AAA302832	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

HDAC7; Polyclonal Antibody; HDAC7 Antibody; histone deacetylase 7; HD7A; HDAC7A; anti-HDAC7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HDAC7 protein.
Form/Format	Supplied at 0.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	991
Applicable Applications for anti-HDAC7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 938-951 amino acids of Human histone deacetylase 7
Target Name	HDAC7
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain cancer tissue using 31217 (HDAC7 Antibody) at dilution 1/10, on the right is treated with the synthetic peptide.



Application Data

Gel: 8%SDS-PAGE Lysate: 30 ug Hepg2 cell lysate. Primary antibody: 1/200 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1.5 minutes

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234807
NCBI GeneID	51564
NCBI Accession #	NP_056216
NCBI GenBank Nucleotide #	NM_015401.4
Molecular Weight	66,187 Da
NCBI Official Full Name	histone deacetylase 7 isoform a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdac7-antibody-immunohistochemistry-western-blot-elisa/302832>