

Rabbit anti-Human Histone deacetylase 8 Polyclonal Antibody | anti-HDAC8 antibody

Rabbit anti-human Histone deacetylase 8 polyclonal Antibody

CATALOG # AAA229262	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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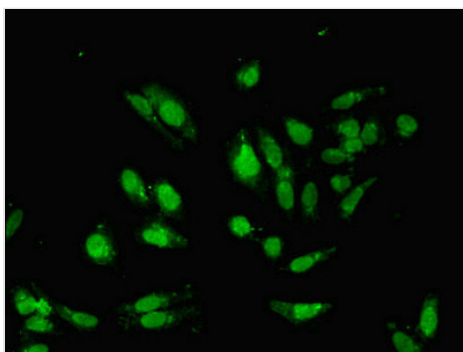
PRODUCT SYNONYMS

Histone deacetylase 8; Polyclonal Antibody; Rabbit anti-human Histone deacetylase 8 polyclonal Antibody; HDAC8; HDACL1; CDA07; anti-HDAC8 antibody

PRODUCT SPECIFICATIONS

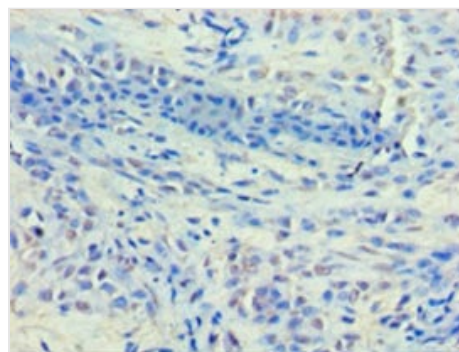
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	286
Applicable Applications for anti-HDAC8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Histone deacetylase 8 protein(1-377aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11544 / sc-11405 / sc-17778
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



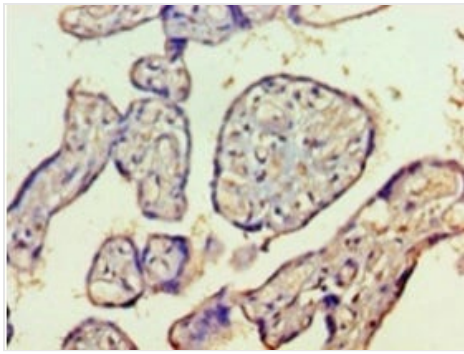
IHC (Immunohistochemisry)

Immunofluorescent analysis of Hela cells using AAA229262 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA229262 at dilution 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human placenta tissue using AAA229262 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC8 antibody	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Also involved in the deacetylation of cohesin complex protein SMC3 regulating release of cohesin complexes from chromatin. May play a role in smooth muscle cell contractility. 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. This protein belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262073088
NCBI GeneID	55869
NCBI Accession #	NP_001159890.1
NCBI GenBank Nucleotide #	NM_001166418.1
UniProt Accession #	Q9BY41; Q86VC8; Q9NP76; Q9NYH4; A6ND12; A6ND61; A6NET3; A6NJR3; A8MQ62; B4DKN0; B4DV22
Molecular Weight	16,050 Da
NCBI Official Full Name	histone deacetylase 8 isoform 2
NCBI Official Synonym Full Names	histone deacetylase 8
NCBI Official Symbol	HDAC8
NCBI Official Synonym Symbols	HD8; WTS; RPD3; CDA07; CDLS5; MRXS6; HDACL1
NCBI Protein Information	histone deacetylase 8
UniProt Protein Name	Histone deacetylase 8
UniProt Gene Name	HDAC8
UniProt Synonym Gene Names	HDACL1; HD8
UniProt Entry Name	HDAC8_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.

