

Rabbit HDAC10 Polyclonal Antibody | anti-HDAC10 antibody

HDAC10 Antibody

CATALOG # AAA304548	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

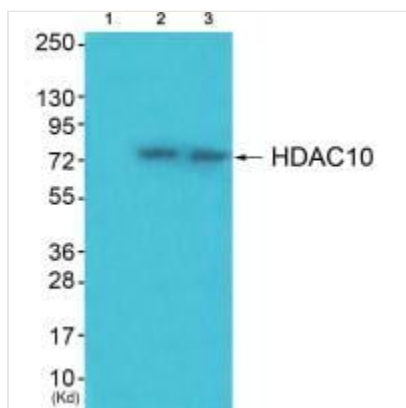
PRODUCT SYNONYMS

HDAC10; Polyclonal Antibody; HDAC10 Antibody; Histone deacetylase 10; HD10; anti-HDAC10 antibody

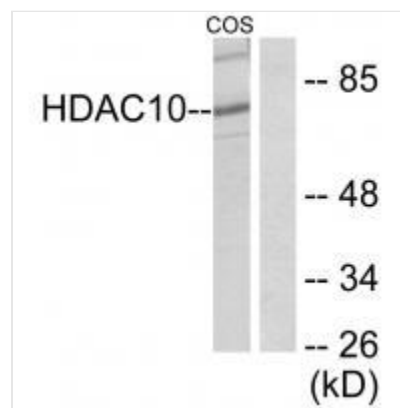
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HDAC10 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	649
Applicable Applications for anti-HDAC10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human HDAC10.
Target Name	HDAC10
Preparation and Storage	Store at -20°C

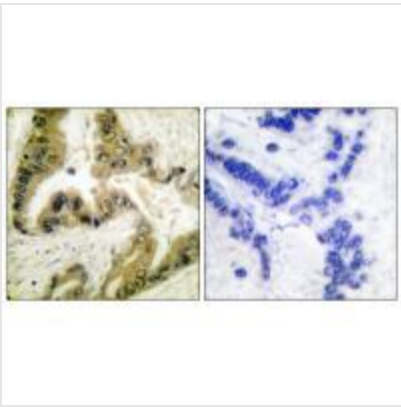
IMAGES


WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2) and cos-7 cells (Lane 3), using HDAC10 antibody AAA304548. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using HDAC10 antibody AAA304548.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC10 antibody AAA304548.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC10 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.Jenny J. Tong, Nucleic Acids Res., Mar 2002; 30: 1114 - 1123.Hung-Ying Kao, J. Biol. Chem., Jan 2002; 277: 187 - 193.Denise D. Fischer, J. Biol. Chem., Feb 2002; 277: 6656 - 6666.Matthew H. Brush, J. Biol. Chem., Feb 2004; 279: 7685 - 7691.
Product Categories/Family for anti-HDAC10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	226529806
NCBI GeneID	83933
NCBI Accession #	NP_001152758.1
NCBI GenBank Nucleotide #	NM_001159286.1
UniProt Accession #	Q969S8; Q08AP4; Q6STF9; Q96P77; Q96P78; Q9H028; Q9UGX1; Q9UGX2
Molecular Weight	SDS-PAGE MW: 75kd
NCBI Official Full Name	histone deacetylase 10 isoform 2
NCBI Official Synonym Full Names	histone deacetylase 10
NCBI Official Symbol	HDAC10
NCBI Official Synonym Symbols	HD10
NCBI Protein Information	histone deacetylase 10
UniProt Protein Name	Histone deacetylase 10
UniProt Gene Name	HDAC10
UniProt Synonym Gene Names	HD10
UniProt Entry Name	HDA10_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.

