

HDAC10 Antibody

Catalog No: #33399

Package Size: #33399-1 50ul #33399-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

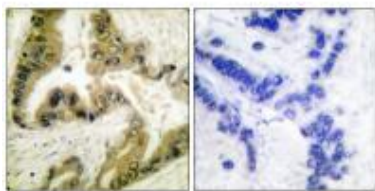
Product Name	HDAC10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HDAC10 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human HDAC10.
Target Name	HDAC10
Other Names	Histone deacetylase 10; HD10;
Accession No.	Swiss-Prot: Q969S8NCBI Gene ID: 83933
Uniprot	Q969S8
GeneID	83933;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

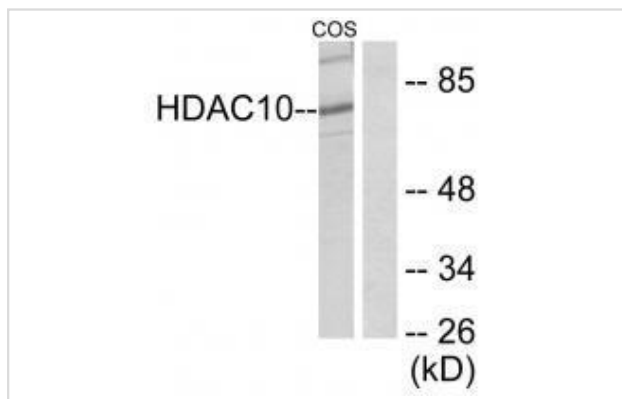
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

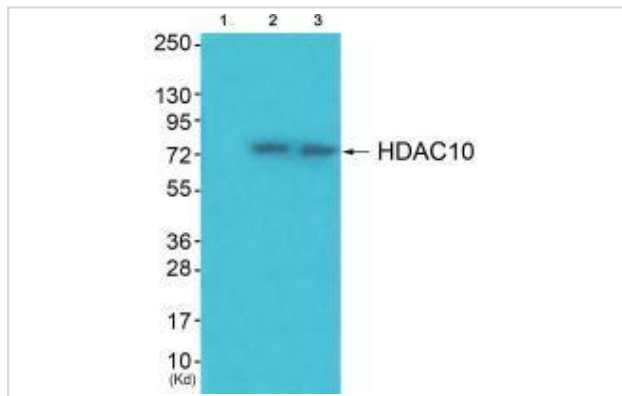
Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC10 antibody #33399.



Western blot analysis of extracts from COS7 cells, using HDAC10 antibody #33399.



Western blot analysis of extracts from JK cells (Lane 2) and cos-7 cells (Lane 3), using HDAC10 antibody #33399. The lane on the left is treated with synthesized peptide.

Background

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.

Note: This product is for in vitro research use only