

HDAC5 Antibody | anti-HDAC5 antibody

HDAC5 Antibody

CATALOG # AAA109443	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	--	--

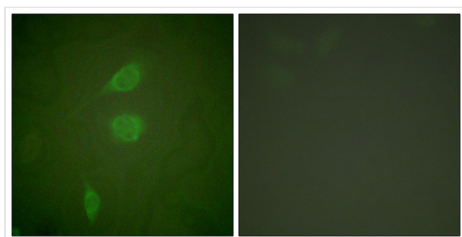
PRODUCT SYNONYMS

HDAC5; HDAC5 Antibody; Histone deacetylase 5; HD5; Antigen NY-CO-9; anti-HDAC5 antibody

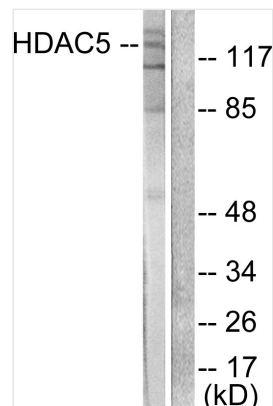
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	HDAC5 antibody detects endogenous levels of total HDAC5 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1123
Applicable Applications for anti-HDAC5 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human HDAC5.
Preparation and Storage	Store at -20 degree C for 1 year

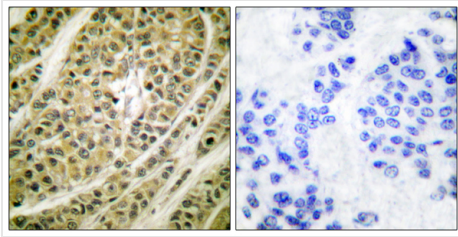
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of NIH/3T3 cells, using HDAC5 antibody.


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 30mins), using HDAC5 antibody.



IHC (Immunohistochemistry)
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC5 antibody.

ADDITIONAL INFORMATION

References	Claudie Lemerrier, J. Biol. Chem., May 2000; 275: 15594. Carmen C. Sucharov, Am J Physiol Cell Physiol, Nov 2006; 291: C1029-C1037. Michael P. Czubryt, PNAS, Feb 2003; 100: 1711. changhoon ha, FASEB J, Apr 2007; 21: A528.
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	62750349
NCBI GeneID	10014
NCBI Accession #	NP_001015053.1
NCBI GenBank Nucleotide #	NM_001015053.1
UniProt Accession #	Q9UQL6; O60340; O60528; Q96DY4; C9JFV9
Molecular Weight	122,049 Da
NCBI Official Full Name	histone deacetylase 5 isoform 3
NCBI Official Synonym Full Names	histone deacetylase 5
NCBI Official Symbol	HDAC5
NCBI Official Synonym Symbols	HD5; NY-CO-9
NCBI Protein Information	histone deacetylase 5
UniProt Protein Name	Histone deacetylase 5
UniProt Gene Name	HDAC5
UniProt Synonym Gene Names	KIAA0600; HD5

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.