

HDAC5 Antibody | anti-HDAC5 antibody

HDAC5 (Phospho-Ser498) Antibody

CATALOG # AAA111956	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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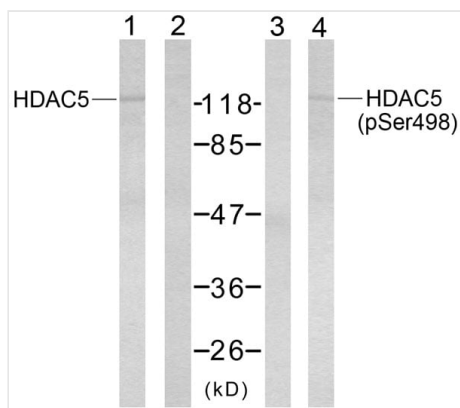
PRODUCT SYNONYMS

HDAC5; HDAC5 (Phospho-Ser498) Antibody; anti-HDAC5 antibody

PRODUCT SPECIFICATIONS

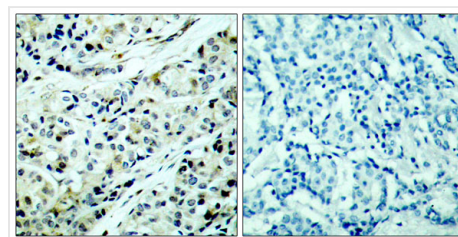
Reactivity	Human, Mouse, Rat
Specificity	HDAC5 (Phospho-Ser498) Antibody detects endogenous levels of HDAC5 only when phosphorylated at Serine 498.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1123
Applicable Applications for anti-HDAC5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HDAC5 around the phosphorylation site of Serine498 (T-Q-SP-S-P).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of the extracts from NIH/3T3 cells using HDAC5 (Ab-498) Antibody and HDAC5 (Phospho-Ser498) Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma, using HDAC5 (Phospho-Ser498) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HDAC5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Doppler H, et al. (2005) J Biol Chem. 280(15):15013-15019. McKinsey TA, et al. (2000) Nature. 408(6808): 106-111.
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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.

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 Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/hdac5/111956>