

anti-Human, Mouse HDAC6 Antibody | anti-HDAC6 antibody

HDAC6 (Phospho-Ser22) Antibody

CATALOG # AAA267153	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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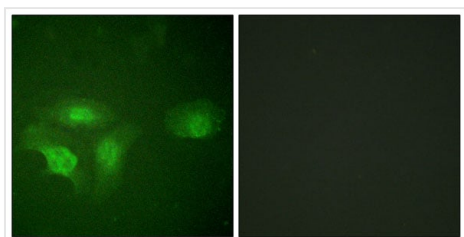
PRODUCT SYNONYMS

HDAC6; HDAC6 (Phospho-Ser22) Antibody; HD6; HDA6; Histone deacetylase 6; JM21; anti-HDAC6 antibody

PRODUCT SPECIFICATIONS

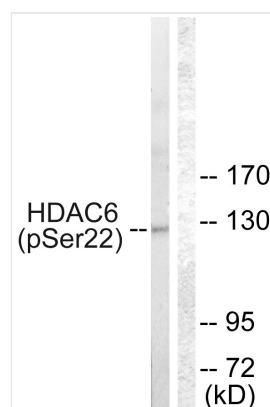
Reactivity	Human, Mouse
Specificity	HDAC6 (Phospho-Ser22) antibody detects endogenous levels of HDAC6 only when phosphorylated at serine 22.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	1215
Applicable Applications for anti-HDAC6 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HDAC6 around the phosphorylation site of serine 22 (P-Q-SP-P-P).
All Sites	Human: Ser22 Mouse: Ser21
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



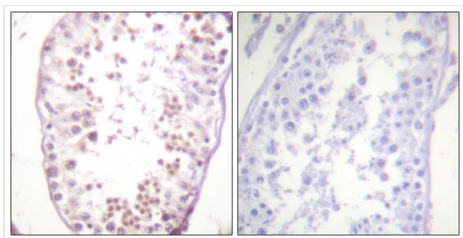
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HepG2 cells, using HDAC6 (Phospho-Ser22) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human testis tissue using HDAC6 (Phospho-Ser22) antibody. Western blot analysis of extracts from NIH/3T3 cells, treated with Anisomycin (25μg/ml, 30mins), using HDAC6 (Phospho-Ser22) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-HDAC6 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Grozinger C.M., Proc. Natl. Acad. Sci. U.S.A. 96:4868-4873(1999). Amann J.M., Mol. Cell. Biol. 21:6470-6483(2001). Gao L., J. Biol. Chem. 277:25748-25755(2002). Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1007392134
NCBI GeneID	10013
NCBI Accession #	NP_001308155.1
NCBI GenBank Nucleotide #	NM_001321226.1
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	114,361 Da
NCBI Official Full Name	histone deacetylase 6 isoform b
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	HD6; JM21; CPBHM; PPP1R90
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6

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-antibody/hdac6/267153>