

Rabbit HDAC1 Polyclonal Antibody | anti-HDAC1 antibody

HDAC1 Antibody (Ser421/423)

CATALOG # AAA226138	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HDAC1; Polyclonal Antibody; HDAC1 Antibody (Ser421/423); Rabbit Polyclonal HDAC1 Antibody (Ser421/423); Polyclonal HDAC1 antibody; Anti-HDAC1 antibody; DKFZp686H12203 antibody; GON-10 antibody; HD1 antibody; HDAC1 antibody; Histone deacetylase 1 antibody; reduced potassium dependency yeast homolog-like 1 antibody; RPD3 antibody; RPD3L1 antibody; anti-HDAC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	HDAC1 antibody (Ser421/423) detects endogenous levels of HDAC1 only when phosphorylated at serine 421/423
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-HDAC1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	HDAC1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human HDAC1 around the phosphorylation site of serine 421/423 (E-F-SP-D- SP -E-E) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HELA cells. Left: Using HDAC1 (Phospho-Ser421/423) antibody. Right: Using the same antibody preincubated with synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC1 antibody (Ser421/423)

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC1 antibody	HDAC1 is a transcriptional regulator of the histone deacetylase family, subfamily 1. Deacetylates lysine residues on the N-terminal part of the core histones H2A, H2B, H3 AND H4. Plays an important role in transcriptional regulation, cell cycle progression and developmental events.
Product Categories/Family for anti-HDAC1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456395
NCBI GeneID	3065
NCBI Official Full Name	HDAC1
NCBI Official Synonym Full Names	histone deacetylase 1
NCBI Official Symbol	HDAC1
NCBI Official Synonym Symbols	HD1; RPD3; KDAC1; GON-10; RPD3L1
NCBI Protein Information	histone deacetylase 1

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/polyclonal/hdac1-antibody-immunohistochemistry-western-blot-elisa/226138>