

Rabbit HDAC2 Polyclonal Antibody | anti-HDAC2 antibody

HDAC2 Antibody (Ser394)

CATALOG # AAA226081	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HDAC2; Polyclonal Antibody; HDAC2 Antibody (Ser394); Rabbit Polyclonal HDAC2 Antibody (Ser394); Polyclonal HDAC2 antibody; Anti-HDAC2 antibody; HD2 antibody; HDAC2 antibody; Histone deacetylase 2 antibody; RPD3 antibody; transcriptional regulator homolog RPD3 antibody; YAF1 antibody; YY1-associated factor 1 antibody; anti-HDAC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	HDAC2 antibody (Ser394) detects endogenous levels of HDAC2 only when phosphorylated at serine 394
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	488
Applicable Applications for anti-HDAC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	HDAC2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human HDAC2 around the phosphorylation site of serine 394 (E-D-SP-G-D) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC2 antibody (Ser394)



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells untreated or treated with UV (20min), using HDAC2 antibody and HDAC2 antibody (Ser394) (Lanes 3 and 4)

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC2 antibody	HDAC2 is a transcriptional regulator of the histone deacetylase family, subfamily 1. Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation plays a role in epigenetic repression and transcriptional regulation, cell cycle progression and developmental events.
Product Categories/Family for anti-HDAC2 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	293336691
NCBI GeneID	3066
NCBI GenBank Nucleotide #	NP_001518.3
UniProt Accession #	Q92769
NCBI Official Full Name	histone deacetylase 2
NCBI Official Synonym Full Names	histone deacetylase 2
NCBI Official Symbol	HDAC2
NCBI Official Synonym Symbols	HD2; RPD3; YAF1; KDAC2
NCBI Protein Information	histone deacetylase 2
UniProt Protein Name	Histone deacetylase 2
UniProt Gene Name	HDAC2
UniProt Synonym Gene Names	HD2
UniProt Entry Name	HDAC2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdac2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/226081>