

Rabbit HDAC2 Polyclonal Antibody | anti-HDAC2 antibody

HDAC2 (Phospho-Ser394) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307778	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

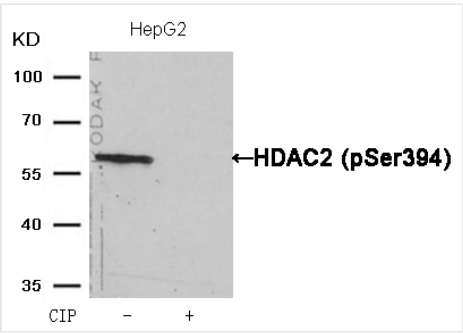
PRODUCT SYNONYMS

HDAC2; Polyclonal Antibody; HDAC2 (Phospho-Ser394) Antibody; HD2; anti-HDAC2 antibody

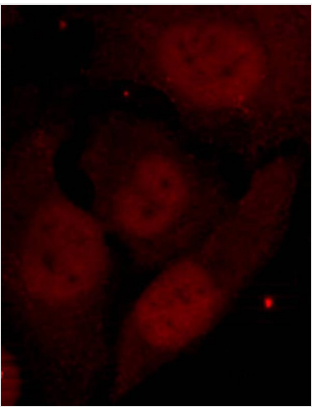
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of HDAC2 only when phosphorylated at serine 394.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-HDAC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 394 (E-D-S(p)-G-D) derived from Human HDAC2.
Modification	Phospho-Ser394
Target Name	HDAC2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

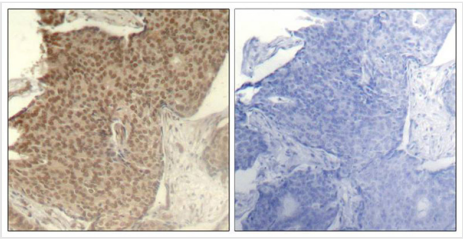
IMAGES



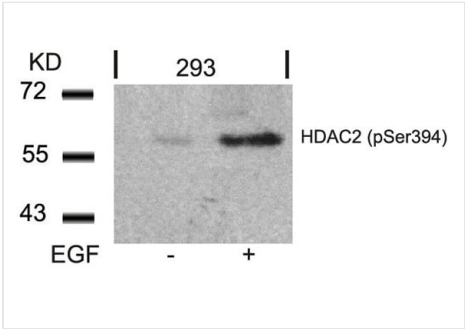
WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, treated with calf intestinal phosphatase (CIP), using HDAC2 (Phospho-Ser394) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells showing nuclear staining using HDAC2(Phospho-Ser394) Antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC2(Phospho-Ser394) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from 293 cells untreated or treated with EGF using HDAC2(Phospho-Ser394) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HDAC2 antibody	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes
Product Categories/Family for anti-HDAC2 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	293336691
NCBI GeneID	3066
NCBI Accession #	NP_001518.3
NCBI GenBank Nucleotide #	NM_001527.3
UniProt Accession #	Q92769; Q5SRI8; Q5SZ86; Q8NEH4; B3KRS5; B4DL58; E1P561
Molecular Weight	51,998 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hdac2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307778>