

Datasheet for ABIN7138595
anti-HDAC2 antibody (pSer394)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HDAC2
Binding Specificity:	pSer394
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 394 (E-D-S(p)-G-D) derived from Human HDAC2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	HDAC2
Alternative Name:	HDAC2 (HDAC2 Products)

Target Details

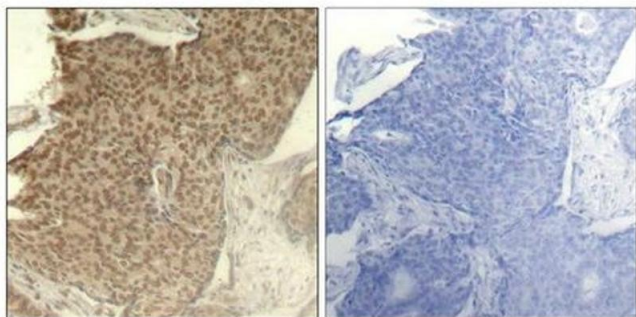
Background:	<p>Background:</p> <p>Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes</p> <p>Tsai SC, et al.(2002)J Biol Chem, 277(35): 31826-33</p> <p>Aliases: D10Wsu179e antibody, HD 2 antibody, HD2 antibody, HDAC 2 antibody, Hdac2 antibody, HDAC2_HUMAN antibody, Histone deacetylase 2 (HD2) antibody, Histone deacetylase 2 antibody, OTTHUMP00000017046 antibody, OTTHUMP000000227077 antibody, OTTHUMP000000227078 antibody, RPD3 antibody, transcriptional regulator homolog RPD3 antibody, YAF1 antibody, YY1 associated factor 1 antibody, YY1 transcription factor binding protein antibody, Yy1bp antibody</p>
UniProt:	Q92769
Pathways:	Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation , Negative Regulation of intrinsic apoptotic Signaling , SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100, IF:1:100-1:200,
Restrictions:	For Research Use only

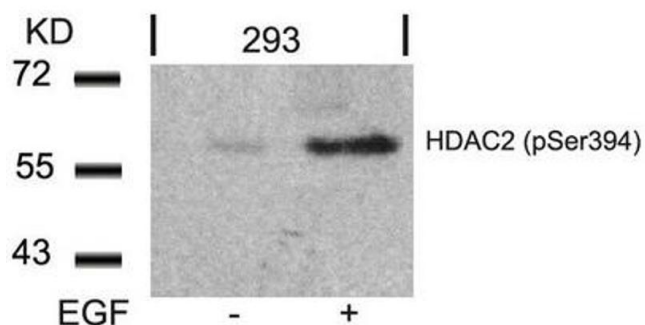
Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



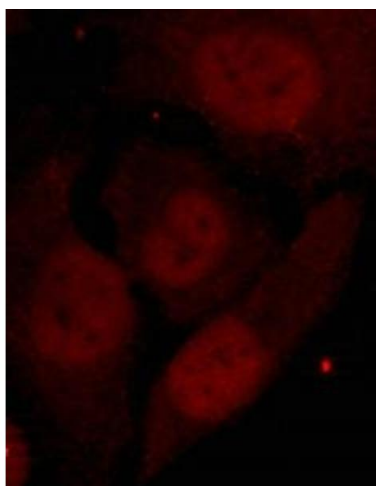
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HDAC2(Phospho-Ser394) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells untreated or treated with EGF using HDAC2(Phospho-Ser394) Antibody.



Immunofluorescence

Image 3. Immunofluorescence staining of methanol-fixed HeLa cells showing nuclear staining using HDAC2(Phospho-Ser394) Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7138595.