

Datasheet for ABIN6391348
anti-HDAC2 antibody (Internal Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	HDAC2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Hdac2 (mouse)
Sequence:	PEDAVHEDSG DE
Isotype:	IgG
Specificity:	This antibody may cross-react with HDAC1
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	HDAC2
Alternative Name:	Hdac2 (HDAC2 Products)
Background:	Hdac2, histone deacetylase 2, D10Wsu179e, YAF1, Yy1bp, mRPD3, HD2, OTTMUSP00000022803, YY1 transcription factor-binding protein
Gene ID:	3066, 15182, 84577
NCBI Accession:	NP_032255
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:	Western Blot: Approx 55-60 kDa band observed in nuclear lysates of cell line HEK293 (calculated MW of 55.3 kDa according to NP_032255.2). Recommended concentration: 1-2 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:2000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of U251 cells and additionally in the membrane and cytoplasm of NIH3T3 cells. Recommended concentration: 10 µg/ml. Flow Cytometry: Flow cytometric
Restrictions:	For Research Use only

Handling

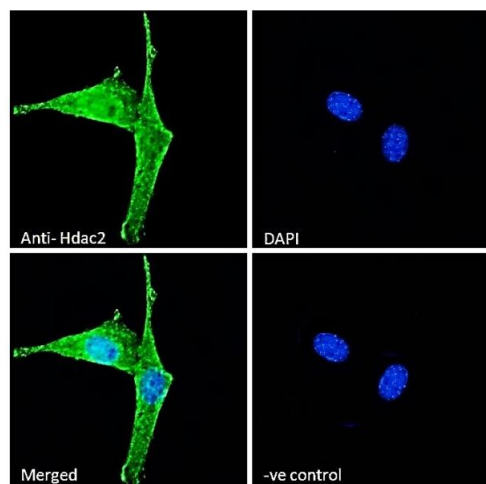
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



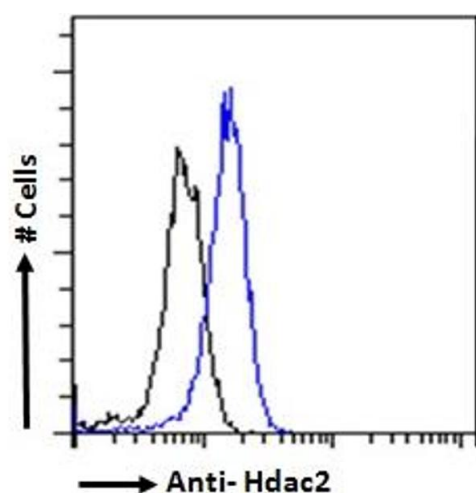
Immunofluorescence

Image 1. (ABIN6391348) Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane, cytoplasmic and nuclear staining. The



Western Blotting

Image 2. ABIN6391348 (1µg/ml) staining of HEK293 nuclear cell lysate. (35µg protein in RIPA buffer). Detected by chemiluminescence.



Flow Cytometry

Image 3. ABIN6391348 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) fol

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6391348.