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Datasheet for ABIN7267708 anti-HDAC2 antibody

Images



Overview

Quantity:	100 µL
Target:	HDAC2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Alternative Name:

Purpose:	HDAC2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HDAC2.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification
Target Details	
Target:	HDAC2
	HDAC2

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HDAC2 (HDAC2 Products)

Target Details

Background:	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the
	formation of large multiprotein complexes, and are responsible for the deacetylation of lysine
	residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms
	transcriptional repressor complexes by associating with many different proteins, including YY1,
	a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional
	regulation, cell cycle progression and developmental events. Alternative splicing results in
	multiple transcript variants. [provided by RefSeq, Apr
	2010],HD2,RPD3,YAF1,HDAC2,Cardiovascular,Cell Biology & Developmental Biology,Cell
	Cycle,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core
	Histones_Deacetylation,Epigenetics & Nuclear Signaling,G1/S
	Checkpoint,Heart,Heart_Hypertrophy,Immunology & Inflammation,Neurodegenerative
	Diseases,Neuroscience,NF-kB Signaling Pathway,Notch Signaling Pathway,Nuclear Receptor
	Signaling,Signal Transduction,Stem Cells,Wnt/β-Catenin Signaling Pathway,HDAC2
Molecular Weight:	55kDa
Gene ID:	3066
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

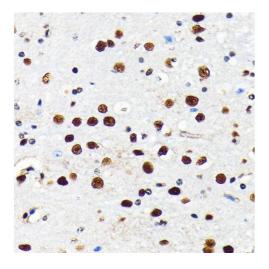
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

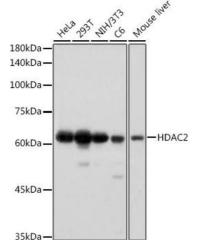
Handling

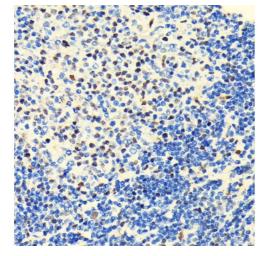
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

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Images







Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using HD antibody (ABIN7267708) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HD antibody (ABIN7267708) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat spleen using HD antibody (ABIN7267708) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 7 images are available for ABIN7267708.

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