

Datasheet for ABIN7464303
anti-HDAC3 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	HDAC3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human HDAC3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	HDAC3
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Target Details

Alternative Name:	histone deacetylase 3 (HDAC3 Products)
Background:	Histone deacetylase 3 , HD3 , KDAC3 , RPD3 , RPD3-2,Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene. [provided by RefSeq]
Molecular Weight:	49 kDa
Gene ID:	8841
UniProt:	O15379
Pathways:	Neurotrophin Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji , U87-MG , SK-N-SH , IMR32 , SK-N-AS , 293T , PC-12 , Rat2 Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.66 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.