

Datasheet for ABIN2775575
anti-HDAC3 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HDAC3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Sequence:	DVPADLLTYD RTDEADAEER GPEENYSRPE APNEFYDGDH DNDKESDVEI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 83%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Hdac3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HDAC3
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Target Details

Alternative Name:	Hdac3 (HDAC3 Products)
Background:	Hdac3 is 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. Hdac3 is required to repress transcription of the POU1F1 transcription factor. Hdac3 acts as a molecular chaperone for shuttling phosphorylated NR2C1 to PML bodies for sumoylation. Alias Symbols: Hdac3 Protein Interaction Partner: Cebpa, Hr, Protein Size: 428
Molecular Weight:	49 kDa
Gene ID:	84578
NCBI Accession:	NM_053448 , NP_445900
UniProt:	Q6P6W3
Pathways:	Neurotrophin Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 428 AA
Restrictions:	For Research Use only

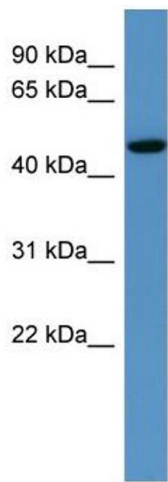
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-Hdac3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Rat Liver