

Datasheet for ABIN781200 **anti-HDAC3 antibody**



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Overview

Quantity:	100 µg
Target:	HDAC3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HDAC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant full length of human HDAC3.
Isotype:	IgG
Specificity:	Nucleus
Purification:	Protein G-Sepharose affinity purified

Target Details

Target:	HDAC3
Alternative Name:	HDAC3 (HDAC3 Products)
Background:	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 acetylase/acuc/apha family. It has histone deacetylase activity and represses

Target Details

	transcription when tethered to a promoter. 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.
Molecular Weight:	80kDa
NCBI Accession:	NP_003874
Pathways:	Neurotrophin Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	50µg/50µl
Buffer:	0.02% Sodium Azide, 50% glycerol, 1% BSA, PBS, pH7.4.
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