

Anti-HDAC3 Rabbit Monoclonal Antibody

Introduction

HDAC3 is a nuclear and cytoplasmic protein that deacetylates both histone (H2A, H3, H4) and non-histone substrates (RelA, SRY, p53, MEF2, PCAF and p300/CBP). HDAC3 deacetylase activity is stimulated by interactions with the N-CoR and SMRT co-repressor proteins. Together, these three proteins form a functional complex that represses transcription associated with nuclear hormone receptors and other transcription factors, including Rev-Erb, COUP-TF, DAX1, MAD and Pit-1.

Product parameters

Alternative Names	HDAC3; Histone deacetylase 3; HD3; RPD3-2; SMAP45
Gene ID	8841
Gene Name	HDAC3
SwissProt ID	O15379
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 49 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-3C4H8
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic peptide of human HDAC3
Purification	Affinity Purified
Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Application	WB, IHC-F, IHC-P, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Research Field	Epigenetics and Nuclear Signaling

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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