

Datasheet for ABIN681028
anti-HDAC4 antibody (AA 101-200)



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1 Image

Overview

Quantity:	100 µL
Target:	HDAC4
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDAC4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HDAC4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HDAC4
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Target Details

Alternative Name:	HDAC4 (HDAC4 Products)
Background:	<p>Synonyms: HD4, AHO3, BDMR, HDACA, HA6116, HDAC-4, HDAC-A, Histone deacetylase 4, HDAC4, KIAA0288</p> <p>Background: 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. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.</p>
Gene ID:	9759
UniProt:	P56524
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

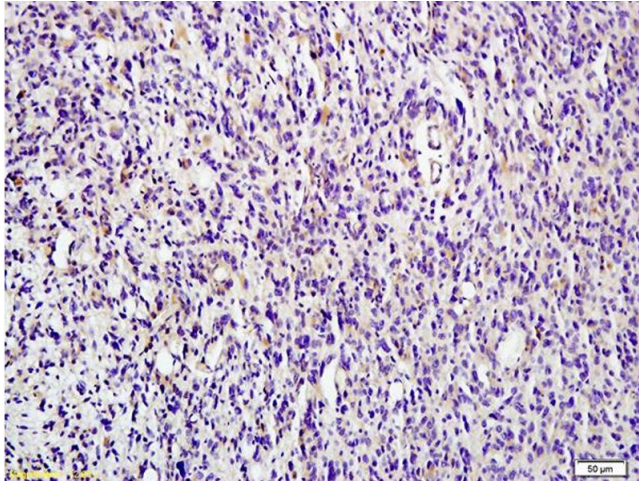
Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human brain labeled with Anti HDAC4 Polyclonal Antibody, Unconjugated (ABIN681028) followed by conjugation to the secondary antibody