

## HDAC4 Antibody HRP Conjugated

Catalog No: #C04335H

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## Description

Product Name	HDAC4 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB B B B B
Immunogen Description	KLH conjugated synthetic peptide aa 130-180 1084 derived from human HDAC4
Conjugates	HRP
Target Name	HDAC4
Other Names	HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A; Histone deacetylase 4; HDAC4; KIAA0288
Accession No.	Swiss-Prot#P56524NCBI Gene ID9759
Uniprot	P56524
GeneID	9759;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

## 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.

Note: This product is for in vitro research use only