

## HDAC3 Antibody

Catalog No: #31216

Package Size: #31216-1 50ul #31216-2 100ul

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Support: tech@signalwayantibody.com

## Description

Product Name	HDAC3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total HDAC3 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 414-428 amino acids of Human histone deacetylase 3
Target Name	HDAC3
Other Names	histone deacetylase 3, HD3, RPD3, RPD3-2
Accession No.	Swiss-Prot:O15379Gene ID:8841;
Uniprot	O15379
GeneID	8841;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C/1 year

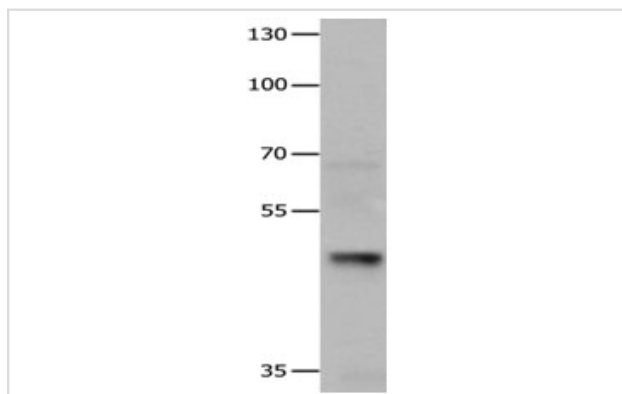
## Application Details

Predicted MW: 49kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

## Images



Gel: 8%SDS-PAGE

Lysate: 40 µg 293T cell lysate

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti Rabbit IgG - H&amp;L (HRP) at 1/10000 dilution

Exposure time: 30 seconds

## 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 deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. 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.

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Note: This product is for in vitro research use only