Product Datasheet

HDAC2 Rabbit mAb

Catalog No: #49162

Package Size: #49162-1 50ul #49162-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

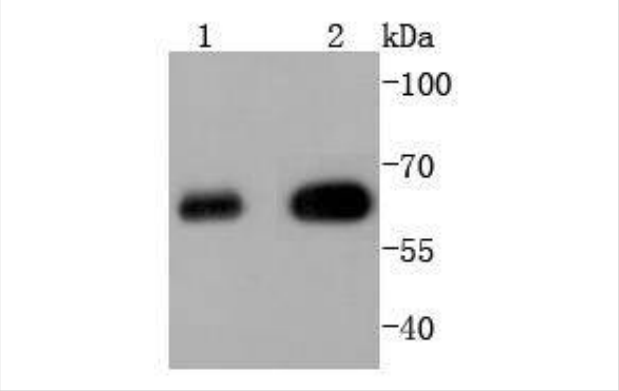
Description

Product Name	HDAC2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD0816
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	D10Wsu179e antibody HD 2 antibody HD2 antibody HDAC 2 antibody Hdac2 antibody HDAC2_HUMAN antibody Histone deacetylase 2 (HD2) antibody Histone deacetylase 2 antibody OTTHUMP00000017046 antibody OTTHUMP00000227077 antibody OTTHUMP00000227078 antibody RPD3 antibody transcriptional regulator homolog RPD3 antibody YAF1 antibody YY1 associated factor 1 antibody YY1 transcription factor binding protein antibody Yy1bp antibody
Accession No.	Swiss-Prot#:Q92769
Uniprot	Q92769
GeneID	3066;
Calculated MW	60 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-1:2,000

Images



Western blot analysis of HDAC2 on different lysates using anti-HDAC2 antibody at 1/1,000 dilution. Positive control:
Lane 1: K562 Lane 2: Hela

Background

In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Several mammalian proteins have been identified as nuclear histone acetylases, including GCN5, PCAF (for p300/CBP-associated factor), p300/CBP and the TFIID subunit TAF II p250. Mammalian HDAC1 (also designated HD1) and HDAC2 (also designated mammalian RPD3), both of which are related to the yeast transcriptional regulator Rpd3p, have been identified as histone deacetylases.

References

Note: This product is for in vitro research use only