

A19626

Leader in Biomolecular Solutions for Life Science



## HDAC2 Rabbit mAb

Catalog No.: A19626

Recombinant

6 Publications

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

55kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

#### CloneNo number

ARC2647

### Background

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

#### Gene ID

3066

#### Swiss Prot

Q92769

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HDAC2 (NP\_001518.3).

#### Synonyms

HD2; RPD3; YAF1; KDAC2; HDAC2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

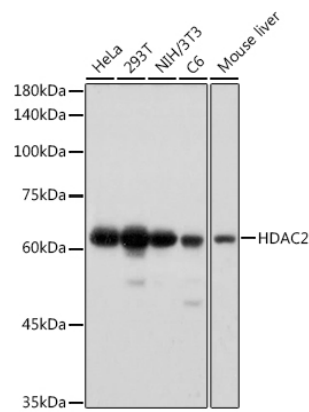
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using HDAC2 Rabbit mAb (A19626) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.

Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg HDAC2 antibody (A19626).  
Western blot was performed from the immunoprecipitate using HDAC2 antibody (A19626) at a dilution of 1:1000.

