

# HDAC6 Rabbit pAb

Catalog No.: A11261

## Basic Information

### Observed MW

170kDa

### Calculated MW

114kDa/131kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## 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 class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

10013

### Swiss Prot

Q9UBN7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 836-1104 of human HDAC6 (NP\_006035.2).

### Synonyms

HDAC6;CPBHM;HD6;JM21;PPP1R90

## Contact

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

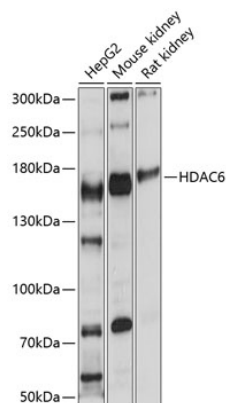
### Storage

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

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

## Validation Data

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Western blot analysis of extracts of various cell lines, using HDAC6 antibody (A11261) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.