# **HDAC6** Rabbit mAb

Catalog No.: A22169 Recombinant



### **Basic Information**

#### **Observed MW**

160kDa

#### **Calculated MW**

131kDa

## Category

Primary antibody

## **Applications**

WB,ELISA

#### **Cross-Reactivity**

Human

#### CloneNo number

ARC55934

## **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** 1:1000 - 1:5000

**ELISA** 

Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

## **Immunogen Information**

**Gene ID**Swiss Prot
10013
Q9UBN7

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

HD6; JM21; CPBHM; PPP1R90; HDAC6

## **Contact**

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### **Product Information**

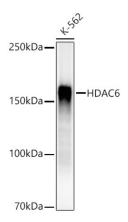
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Western blot analysis of lysates from K-562 cells, using HDAC6 Rabbit mAb (A22169) at1:2000 dilution. Secondary antibody: HRP-conjugated 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 Enhanced Kit (RM00021).

Exposure time: 30s.