

HDAC6 Rabbit pAb

Catalog No.: A1732 **1 Publications**

Basic Information

Observed MW

131kDa

Calculated MW

114kDa/131kDa

Category

Primary antibody

Applications

WB, IHC

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
IHC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
10013	Q9UBN7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human HDAC6 (NP_006035.2).

Synonyms

HDAC6;CPBHM;HD6;JM21;PPP1R90

Contact

 | www.abclonal.com

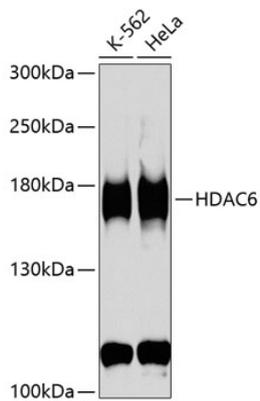
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using HDAC6 antibody (A1732) at 1:1000 dilution.

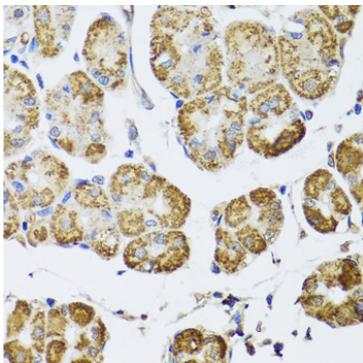
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

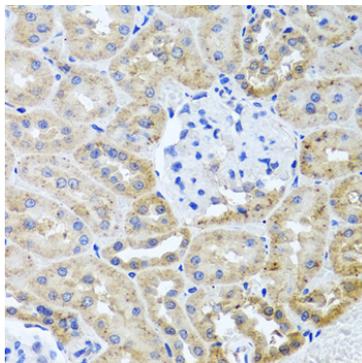
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

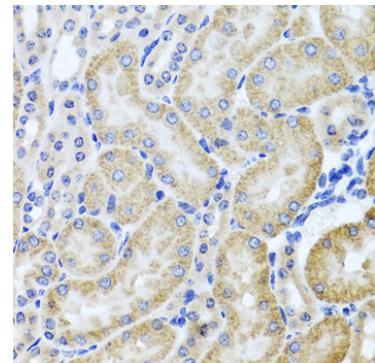
Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human stomach using HDAC6 antibody (A1732) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat kidney using HDAC6 antibody (A1732) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using HDAC6 antibody (A1732) at dilution of 1:100 (40x lens).