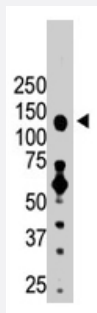


# HDAC6 polyclonal antibody

Catalog # PAB1714

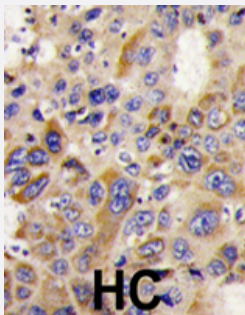
Size 400 uL

## Applications



### Western Blot (Tissue lysate)

The HDAC6 polyclonal antibody (Cat # PAB1714) is used in Western blot to detect HDAC6 in mouse kidney tissue lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with HDAC6 polyclonal antibody (Cat # PAB1714), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of HDAC6.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human HDAC6.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification

<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — HDAC6

<b>Entrez GeneID</b>	<a href="#">10013</a>
<b>Protein Accession#</b>	<a href="#">HDA6_HUMAN</a>
<b>Gene Name</b>	HDAC6
<b>Gene Alias</b>	FLJ16239, HD6, JM21
<b>Gene Description</b>	histone deacetylase 6
<b>Omim ID</b>	<a href="#">300272</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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. [provided by RefSeq]
<b>Other Designations</b>	OTTHUMP00000032398

## Publication Reference

- [Three proteins define a class of human histone deacetylases related to yeast Hda1p.](#)

Grozinger CM, Hassig CA, Schreiber SL.

PNAS 1999 Apr; 96(9):4868.

- [Transcriptional control. Sinful repression.](#)

Wolffe AP.

Nature 1997 May; 387(6628):16.

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Parkinson disease](#)