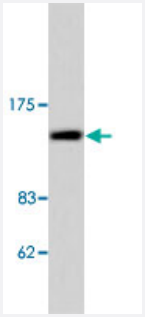
HDAC6 polyclonal antibody

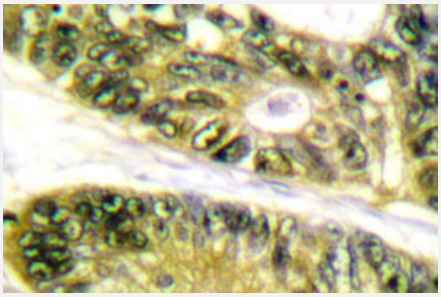
Catalog # PAB27070 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with HDAC6 polyclonal antibody (Cat # PAB27070).



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

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using HDAC6 polyclonal antibody (Cat # PAB27070).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HDAC6.
Immunogen	A synthetic peptide corresponding to human HDAC6.
Host	Rabbit
Theoretical MW (kDa)	135
Reactivity	Human, Mouse
Specificity	HDAC6 polyclonal antibody detects endogenous levels of HDAC6 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate with HDAC6 polyclonal antibody (Cat # PAB27070).

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

  Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using HDAC6 polyclonal antibody (Cat # PAB27070).

- Immunofluorescence

Gene Info — HDAC6

Entrez GeneID	10013
Protein Accession#	Q9UBN7
Gene Name	HDAC6
Gene Alias	FLJ16239, HD6, JM21
Gene Description	histone deacetylase 6
Omim ID	300272
Gene Ontology	Hyperlink

Gene Summary	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription fa ctor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetyla se/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to fu nction independently of each other. This protein possesses histone deacetylase activity and repre sses transcription. [provided by RefSeq
Other Designations	OTTHUMP00000032398

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Parkinson disease