

HDAC6 (ABT-HDAC6) IHC kit

CatalogNo: IHCM6120

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse,

Applications

- IHC

Isotype

- IgG1, Kappa

Recommended Dilution Ratios

Storage

Storage* 2°C to 8°C/1 year

Basic Information

Clonality Monoclonal

Clone Number ABT-HDAC6

Immunogen Information

Immunogen Synthesized peptide derived from human HDAC6 AA range: 1100-1215

Specificity The antibody can specifically recognize human HDAC6 protein.

Target Information

Gene name HDAC6 KIAA0901 JM21

Protein Name Histone deacetylase 6 (HD6) (EC 3.5.1.98)

Organism

Gene ID

UniProt ID

Human

[10013](#);

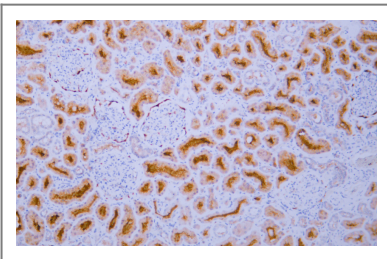
[Q9UBN7](#);

Cellular Localization Cytoplasmic

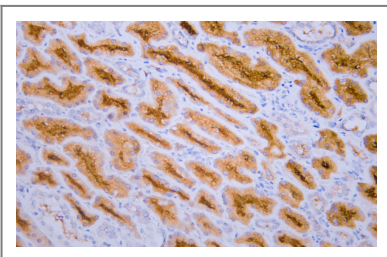
Tissue specificity Brain, Epithelium, Kidney, Muscle, Ovary, Placenta,

Function Catalytic activity: Hydrolysis of an N(6)-acetyl-lysine residue of a histone to yield a deacetylated histone. Function: Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin. PTM: Sumoylated in vitro. PTM: Ubiquitinated. Its polyubiquitination however does not lead to its degradation. Similarity: Belongs to the histone deacetylase family. Type 2 subfamily. Similarity: Contains 1 UBP-type zinc finger. Subcellular location: It is mainly cytoplasmic, where it is associated with microtubules. Subunit: Interacts with CBFA2T3, HDAC11 and SIRT2. Interacts with F-actin. Interacts with BBIP10.

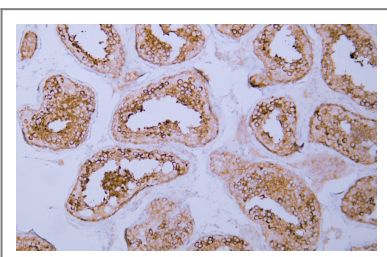
Validation Data



Human kidney tissue was stained with Anti-HDAC6 (ABT-HDAC6) Antibody



Human kidney tissue was stained with Anti-HDAC6 (ABT-HDAC6) Antibody



Human testis tissue was stained with Anti-HDAC6 (ABT-HDAC6) Antibody

| Contact information

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Please scan the QR code to access additional product information:
HDAC6 (ABT-HDAC6) IHC kit

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