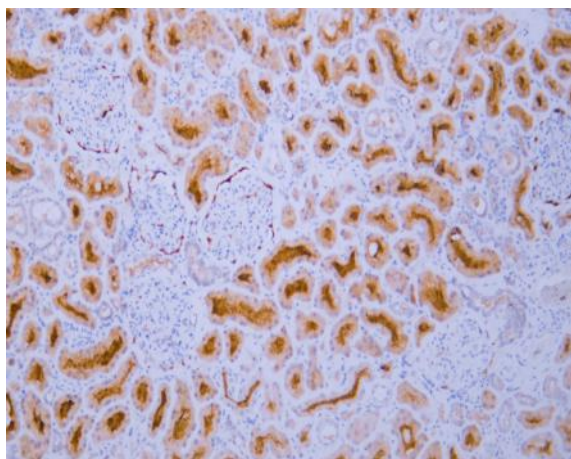


HDAC6 (ABT-HDAC6) IHC kit

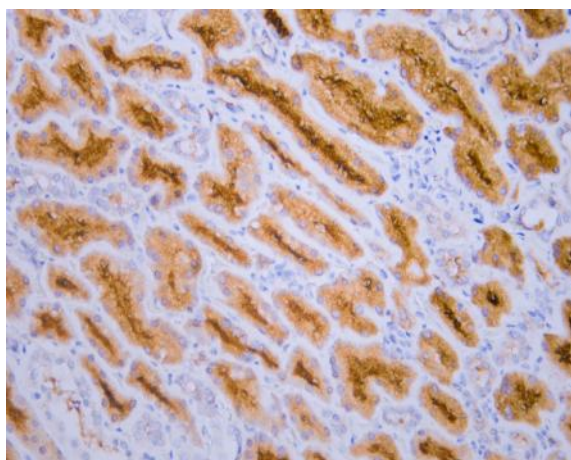
Catalog No :	IHCM6120
Reactivity :	Human;Mouse;
Applications :	IHC
Target :	HDAC6
Fields :	>>Neutrophil extracellular trap formation;>>Amyotrophic lateral sclerosis;>>Alcoholism;>>Viral carcinogenesis
Gene Name :	HDAC6 KIAA0901 JM21
Protein Name :	Histone deacetylase 6 (HD6) (EC 3.5.1.98)
Human Gene Id :	10013
Human Swiss Prot No :	Q9UBN7
Immunogen :	Synthesized peptide derived from human HDAC6 AA range: 1100-1215
Specificity :	The antibody can specifically recognize human HDAC6 protein.
Source :	Mouse, Monoclonal/IgG1, kappa
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year
Background :	<p>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, Jul 2008],</p> <p>catalytic activity:Hydrolysis of an N(6)-acetyl-lysine residue of a histone to yield a</p>

Function :	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
Subcellular Location :	Cytoplasmic
Expression :	Brain,Epithelium,Kidney,Muscle,Ovary,Placenta,

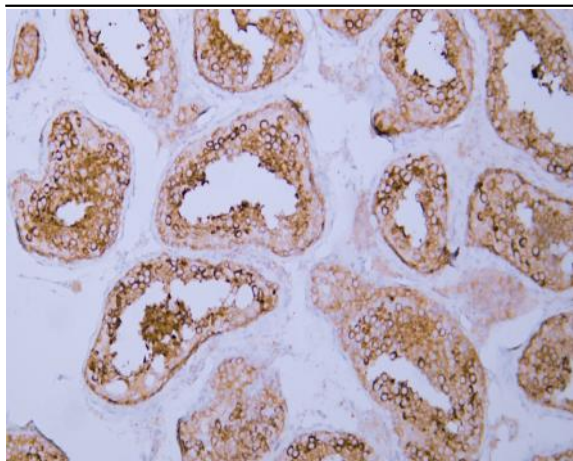
Products Images



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