

Mouse anti-Human TIP60 Antibody | anti-TIP60 antibody

TIP60 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108452	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

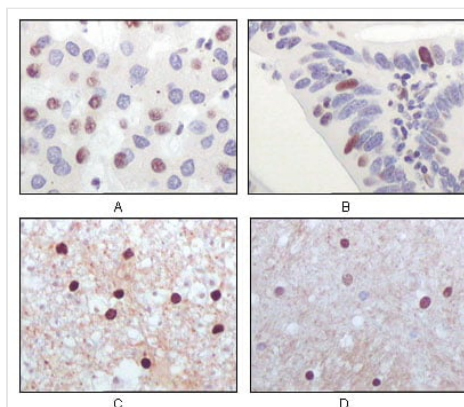
PRODUCT SYNONYMS

TIP60; TIP60 Antibody; TIP60 (HTATIP); anti-TIP60 antibody

PRODUCT SPECIFICATIONS

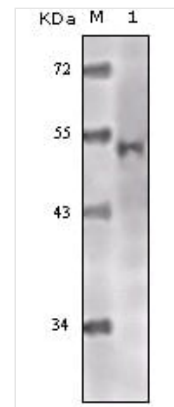
Host	Mouse
Reactivity	Human
Isotype	IgG2b
Clone Number	8C4C4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	494
Applicable Applications for anti-TIP60 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human TIP60 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



Application Data

Figure 2. Immunohistochemical analysis of paraffin-embedded human liver carcinoma (A), rectum carcinoma (B), normal medulla tissue (C) and normal interbrain tissues (D), showing nuclear localization using Tip60 mouse mAb with DAB staining.



Application Data

Figure 1. Western blot analysis using Tip60 mouse mAb against truncated Tip60 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-TIP60 antibody	HTATIP (HIV-1 Tat interacting protein TIP60, about 60kDa) belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. The nucleosome, made up of four core histone proteins (H2A, H2B, H3 and H4), is the primary building block of chromatin. In addition to the growing number of post-translational histone modifications regulating chromatin structure, cells can also exchange canonical histones with variant histones that can directly or indirectly modulate chromatin structure. There are five major variants of histone H2A. canonical H2A (most abundant), H2A.X, MacroH2A, H2ABbd and H2A.Z. Histone H2A.Z, the most conserved variant across species, functions as both a positive and negative regulator of transcription and is important for chromosome stability. Several homologous protein complexes, such as SWR-C, TIP60 and SRCAP (mammals), have been shown to catalyze the ATP-dependent exchange of H2A.Z for H2A in the nucleosome.
Product Categories/Family for anti-TIP60 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	332205931
NCBI GeneID	10524
NCBI Accession #	NP_001193762.1
NCBI GenBank Nucleotide #	NM_001206833.1
UniProt Accession #	Q92993; O95624; Q13430; Q17RW5; Q561W3; Q6GSE8; Q9BWK7; B4E3C7; C9JL99
Molecular Weight	60KDa
NCBI Official Full Name	histone acetyltransferase KAT5 isoform 4
NCBI Official Synonym Full Names	lysine acetyltransferase 5
NCBI Official Symbol	KAT5
NCBI Official Synonym Symbols	TIP; ESA1; PLIP; TIP60; cPLA2; HTATIP; ZC2HC5; HTATIP1
NCBI Protein Information	histone acetyltransferase KAT5
UniProt Protein Name	Histone acetyltransferase KAT5
UniProt Gene Name	KAT5
UniProt Synonym Gene Names	HTATIP; TIP60; HIV-1 Tat interactive protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/tip60/108452>