

Rabbit KAT5 Polyclonal Antibody | anti-KAT5 antibody

KAT5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40707	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

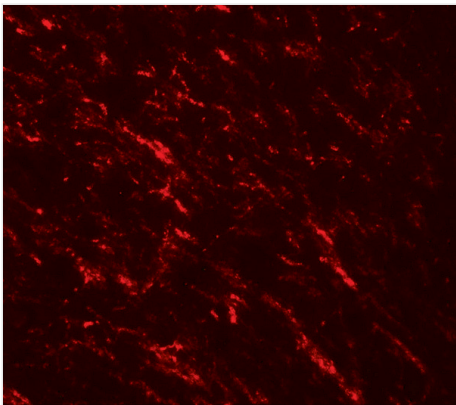
PRODUCT SYNONYMS

KAT5; Polyclonal Antibody; KAT5 Antibody; TIP; ESA1; PLIP; TIP60; cPLA2; HTATIP; ZC2HC5; HTATIP1; Histone acetyltransferase KAT5; 60 kDa Tat-interactive protein; Tip60; K(lysine) acetyltransferase 5; anti-KAT5 antibody

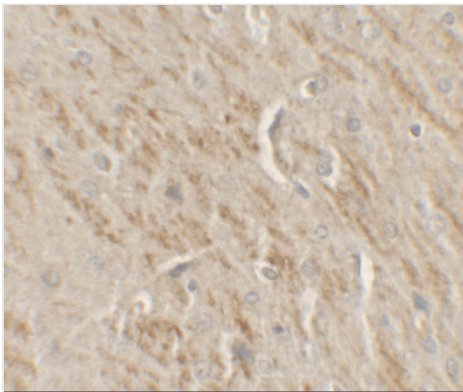
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of KAT5 are known to exist.
Purity/Purification	KAT5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	546
Applicable Applications for anti-KAT5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KAT5 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human KAT5.
Buffer	KAT5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

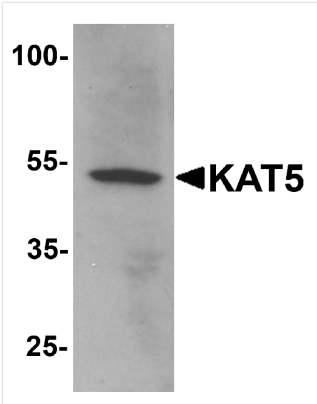
IMAGES



IF (Immunofluorescence)
Immunofluorescence of KAT5 in rat brain tissue with KAT5 antibody at 20 µg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of KAT5 in rat brain tissue with KAT5 antibody at 2.5 µg/ml.



WB (Western Blot)
Western blot analysis of KAT5 in human brain tissue lysate with KAT5 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KAT5 antibody	KAT5 Antibody: KAT5 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 non-histone proteins. KAT5 has been shown to play a role in DNA repair and apoptosis and is thought to play an important role in signal transduction and autophagy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	36287069
NCBI GeneID	10524
NCBI Accession #	NP_874369
NCBI GenBank Nucleotide #	NM_182710.2
UniProt Accession #	Q92993; O95624; Q13430; Q17RW5; Q561W3; Q6GSE8; Q9BWK7; B4E3C7; C9JL99
Molecular Weight	Predicted: 51; 54; 56; 60 kDa Observed: 53 kDa
NCBI Official Full Name	histone acetyltransferase KAT5 isoform 1
NCBI Official Synonym Full Names	K(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; K-acetyltransferase 5; cPLA2 interacting protein; cPLA(2)-interacting protein; 60 kDa Tat-interactive protein; Tat interacting protein, 60kDa; histone acetyltransferase HTATIP; HIV-1 Tat interactive protein, 60kDa
UniProt Protein Name	Histone acetyltransferase KAT5
UniProt Gene Name	KAT5
UniProt Synonym Gene Names	HTATIP; TIP60; Tip60; HIV-1 Tat interactive protein
UniProt Entry Name	KAT5_HUMAN

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/polyclonal/kat5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40707>