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Datasheet for 600-401-CD5

KAT5 Antibody

Overview

Description:	Anti-KAT5 (RABBIT) Antibody - 600-401-CD5
Item No.:	600-401-CD5
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	KAT5 Antibody, TIP, ESA1, PLIP, TIP60, cPLA2, HTATIP, ZC2HC5, HTATIP1, Histone acetyltransferase KAT5, 60 kDa Tat-interactive protein, Tip60
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	KAT5
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-KAT5 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid peptide near the C-terminus of human KAT5.
Purity/Specificity:	Anti-KAT5 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms of KAT5 are known to exist.

Relevant Links:	• UniProtKB - Q92993 • GeneID - 10524 • NCBI - NP_874369

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-KAT5 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 59 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	User Optimized
IHC:	User Optimized
WB:	1-2 µg/mL

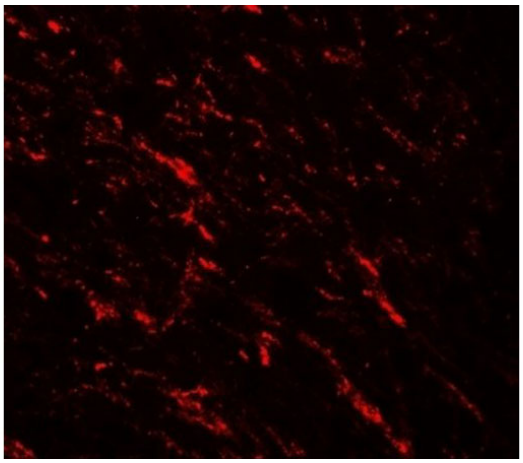
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

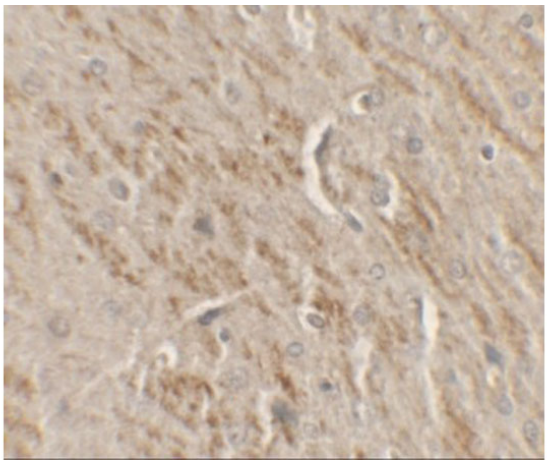
Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

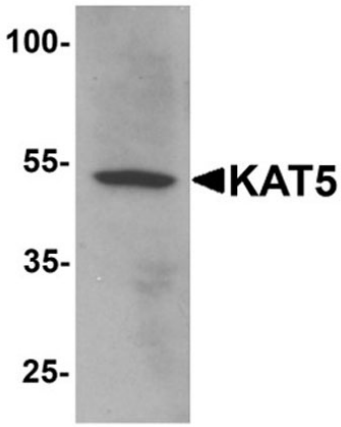
Images



Immunofluorescence Microscopy
Immunofluorescence of KAT5.
Tissue: rat brain tissue.
Primary Antibody: KAT5 antibody at 20 µg/mL.



Immunohistochemistry
Immunohistochemistry of KAT5.
Tissue: rat brain tissue.
Primary Antibody: KAT5 antibody at 2.5 µg/mL.



Western Blot
Western blot analysis of KAT5.
Load: human brain tissue lysate.
Primary Antibody: KAT5 antibody at 1 µg/mL.

Disclaimer

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