

Rabbit anti-Human, mouse hGCN5 Polyclonal Antibody | anti-KAT2A antibody

hGCN5 Antibody (C-term)

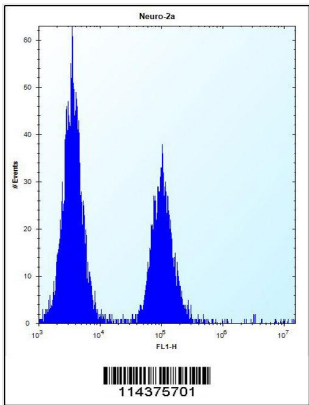
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286116	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

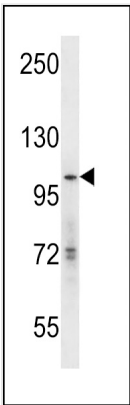
hGCN5; Polyclonal Antibody; hGCN5 Antibody (C-term); Histone acetyltransferase KAT2A; General control of amino acid synthesis protein 5-like 2; Histone acetyltransferase GCN5; HsGCN5; Lysine acetyltransferase 2A; STAF97; KAT2A; GCN5; GCN5L2; HGCN5; anti-KAT2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This hGCN5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 807-837 amino acids from the C-terminal region of human hGCN5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	807-837
Sequence Length	427
Applicable Applications for anti-KAT2A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
hGCN5 Antibody (C-term) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
hGCN5 Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the hGCN5 antibody detected the hGCN5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KAT2A antibody	KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).
References	Terreni, M., et al. Retrovirology 7, 18 (2010) : Atanassov, B.S., et al. Mol. Cell 35(3):352-364(2009) Kelly, T.J., et al. J. Biol. Chem. 284(30):19945-19952(2009) Mao, X., et al. Genes Dev. 23(7):849-861(2009) Paolinelli, R., et al. Nat. Struct. Mol. Biol. 16(4):412-420(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791535
NCBI GeneID	2648
NCBI Accession #	NP_066564.2
NCBI GenBank Nucleotide #	NM_021078.2
UniProt Accession #	Q92830; Q8N1A2; Q9UCW1
Molecular Weight	93926
NCBI Official Full Name	histone acetyltransferase KAT2A
NCBI Official Synonym Full Names	K(lysine) acetyltransferase 2A
NCBI Official Symbol	KAT2A
NCBI Official Synonym Symbols	GCN5; hGCN5; GCN5L2; PCAF-b
NCBI Protein Information	histone acetyltransferase KAT2A
UniProt Protein Name	Histone acetyltransferase KAT2A
UniProt Gene Name	KAT2A
UniProt Synonym Gene Names	GCN5; GCN5L2; HGCN5; HsGCN5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hgcn5-antibody-flow-cytometry-western-blot-elisa/286116>