

Rabbit KAT2A Polyclonal Antibody | anti-KAT2A antibody

KAT2A Polyclonal Antibody

CATALOG # AAA37199	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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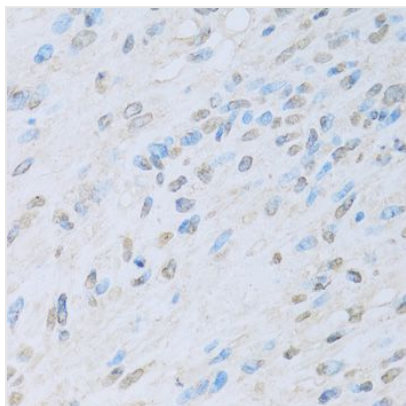
PRODUCT SYNONYMS

KAT2A; Polyclonal Antibody; KAT2A Polyclonal Antibody; GCN5L2: GCN5; hGCN5; GCN5L2; PCAF-b; anti-KAT2A antibody

PRODUCT SPECIFICATIONS

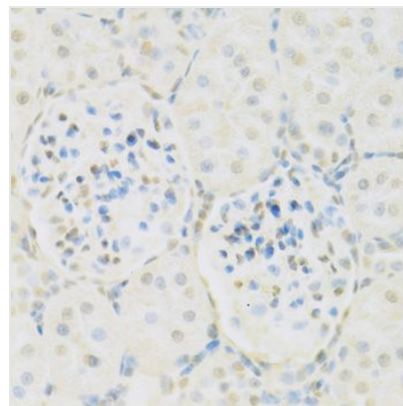
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	837
Applicable Applications for anti-KAT2A antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human KAT2A
Calculated Molecular Weight	94kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



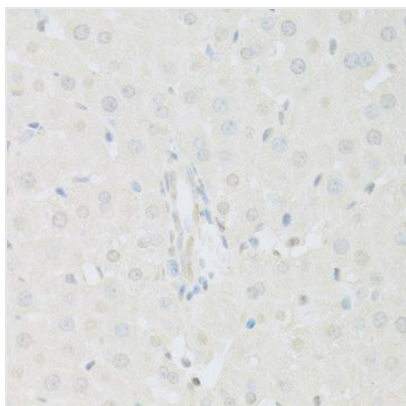
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using KAT2A antibody at dilution of 1:100 (40x lens).



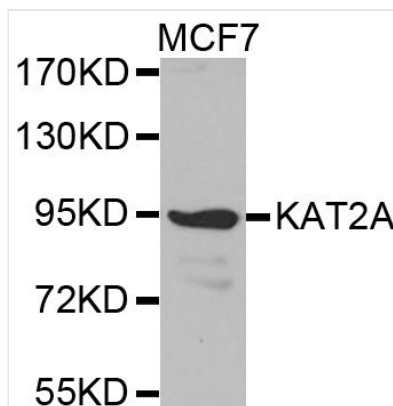
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using KAT2A antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using KAT2A antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of MCF-7 cells, using KAT2A antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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)
Product Categories/Family for anti-KAT2A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	209572743
NCBI GeneID	2648
UniProt Accession #	Q92830; Q8N1A2; Q9UCW1
Molecular Weight	837
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; STAF97; hsGCN5; lysine acetyltransferase 2A; histone acetyltransferase GCN5; general control of amino acid synthesis protein 5-like 2; General control of amino acid synthesis, yeast, homolog-like 2; GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2
UniProt Protein Name	Histone acetyltransferase KAT2A
UniProt Gene Name	KAT2A
UniProt Synonym Gene Names	GCN5; GCN5L2; HGCN5; HsGCN5
UniProt Entry Name	KAT2A_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.