

Rabbit KAT1/HAT1 Polyclonal Antibody | anti-HAT1 antibody

Anti-KAT1/HAT1 Antibody, Rabbit Polyclonal

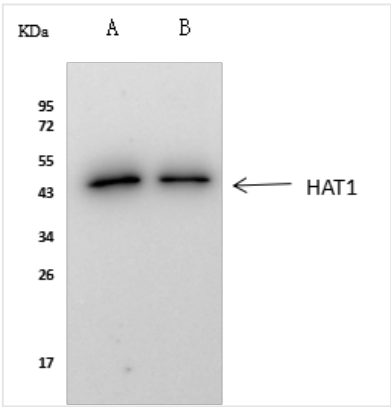
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254396	Rabbit	HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

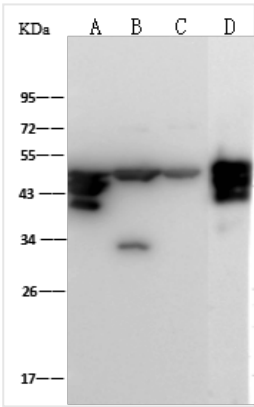
KAT1/HAT1; Polyclonal Antibody; Anti-KAT1/HAT1 Antibody; Rabbit Polyclonal; HAT1 Antibody; Rabbit PAb; Antigen Affinity Purified; histone acetyltransferase 1; Anti-KAT1 Antibody; anti-HAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human KAT1/HAT1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-HAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human HAT1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human HAT1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
HAT1 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate; Lane B: 0.5 mg Jurkat Whole Cell Lysate; 2 uL anti-HAT1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-HAT1 rabbit polyclonal antibody, at 1:100 dilution; Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 49 kDa; Observed band size: 49 kDa



WB (Western Blot)
Anti-HAT1 rabbit polyclonal antibody at 1:500 dilution; Lane A: HepG2 Whole Cell Lysate; Lane B: Jurkat Whole Cell Lysate; Lane C: K562 Whole Cell Lysate; Lane D: U87-MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 49 kDa; Observed band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HAT1 antibody	HAT1 (Histone Acetyltransferase 1) is a Protein Coding gene. The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. HAT1 can up-regulate cell apoptosis. The dysfunction of apoptosis is one of the factors contributing to lung cancer (LC) growth. Upregulation of HAT1 expression in LCCs can induce LCCs apoptosis, which may be a potential novel therapy for the treatment of LC. KAT8 or HAT1 regulate HBV replication and may be potential drug targets of anti-HBV therapy. HAT1 played an important role in esophageal carcinoma and that it could be a novel EC therapeutic target.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504341
NCBI GeneID	8520
NCBI Accession #	NP_003633.1
NCBI GenBank Nucleotide #	NM_003642.3
UniProt Accession #	O14929; Q49A44; Q53QF0; Q53SU4; Q6P594; Q8WWB9
Molecular Weight	49,513 Da
NCBI Official Full Name	histone acetyltransferase type B catalytic subunit
NCBI Official Synonym Full Names	histone acetyltransferase 1
NCBI Official Symbol	HAT1
NCBI Official Synonym Symbols	KAT1
NCBI Protein Information	histone acetyltransferase type B catalytic subunit
UniProt Protein Name	Histone acetyltransferase type B catalytic subunit
UniProt Gene Name	HAT1
UniProt Synonym Gene Names	KAT1
UniProt Entry Name	HAT1_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://www.aaabiotech.com/polyclonal/kat1-hat1-antibody-immunoprecipitation-western-blot-elisa/254396>