

Rabbit anti-Human, Rat HAT1 Polyclonal Antibody | anti-HAT1 antibody

HAT1 Antibody

CATALOG # AAA233224	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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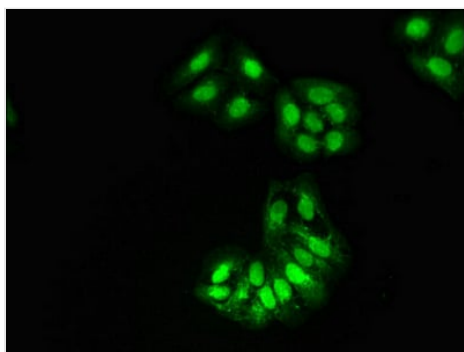
PRODUCT SYNONYMS

HAT1; Polyclonal Antibody; HAT1 Antibody; Histone acetyltransferase type B catalytic subunit; Histone acetyltransferase 1; KAT1; anti-HAT1 antibody

PRODUCT SPECIFICATIONS

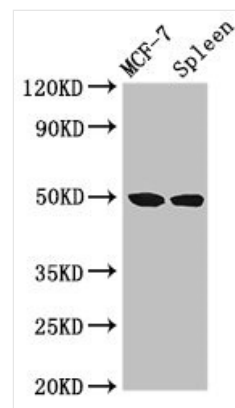
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	419
Applicable Applications for anti-HAT1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Histone acetyltransferase type B catalytic subunit protein (245-419AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233224 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysate,Rat spleen tissueAll lanes: HAT1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 50,40 KDaObserved band size: 50 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-HAT1 antibody	Acetylates soluble but not nucleosomal histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, acetylates histone H2A at 'Lys-5' (H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. May be involved in nucleosome assembly during DNA replication and repair as part of the histone H3.1 and H3.3 complexes. May play a role in DNA repair in response to free radical damage.
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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	39,786 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

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/hat1-antibody-immunofluorescence-western-blot-elisa/233224>