

Rabbit HAT Polyclonal Antibody | anti-HAT antibody

HAT Antibody

CATALOG # AAA320910	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

HAT; Polyclonal Antibody; HAT Antibody; HAT 1; hat1; HAT1_HUMAN; Histidine aminotransferase 1; Histone acetyltransferase 1; Histone acetyltransferase type B catalytic subunit; KAT1; anti-HAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	HAT Antibody detects endogenous levels of total HAT.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-HAT antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HAT, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



WB (Western Blot)

Western blot analysis on LOVO cell lysate using HAT Antibody, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA320910 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HAT antibody	HAT1 May play a role in telomeric silencing. Acetylates soluble but not nucleosomal H4 at 'Lys-5' and 'Lys-12' and acetylates histone H2A at 'Lys-5'. HAT1 has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. Belongs to the HAT1 family.
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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
Molecular Weight	49kDa
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/hat-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320910>