

Rabbit anti-Human, Mouse HAT1/KAT1 Polyclonal Antibody | anti-HAT1/KAT1 antibody

Rabbit anti-HAT1/KAT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213231	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

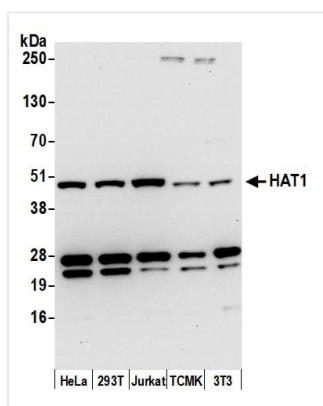
PRODUCT SYNONYMS

HAT1/KAT1; Polyclonal Antibody; Rabbit anti-HAT1/KAT1 Antibody; Affinity Purified; histone acetyltransferase type B catalytic subunit; KAT1; Histone acetyltransferase 1; Histone acetyltransferase type B catalytic subunit; histone acetyltransferase 1; anti-HAT1/KAT1 antibody

PRODUCT SPECIFICATIONS

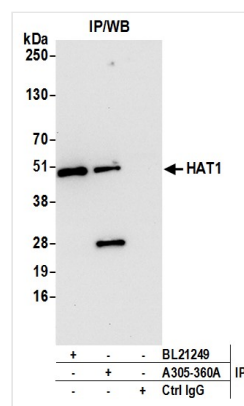
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HAT1/KAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 369 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse HAT1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HAT1 antibody AAA213231 (lot AAA213231-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human HAT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HAT1 antibody AAA213231 (lot AAA213231-1) used for IP at 6 ug per reaction. HAT1 was also immunoprecipitated by rabbit anti-HAT1 antibody BL21249. For blotting immunoprecipitated HAT1, AAA213231 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HAT1/KAT1 antibody	Histone acetyltransferase 1 (HAT1) 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. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5 [taken from NCBI Entrez Gene (Gene ID: 8520)].
Product Categories/Family for anti-HAT1/KAT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8520
UniProt Accession #	O14929
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://stage.aaabiotech.com/polyclonal/hat1-kat1-antibody-immunoprecipitation-western-blot-elisa/213231>