

Rabbit Hat1 Polyclonal Antibody | anti-HAT1 antibody

Hat1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199936	Rabbit	Tested Species Reactivity: Rat Predicted Species Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

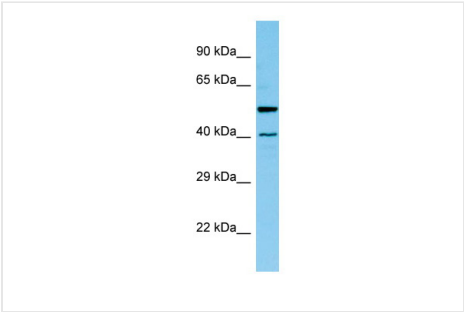
PRODUCT SYNONYMS

Hat1; Polyclonal Antibody; Hat1 Antibody - N-terminal region; anti-HAT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Rat Predicted Species Reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: FP EDLENDIRTF FPEYTHQLFG DDETAFGYKG LKILLYIAG SLSTMFRV
Sequence Length	419
Applicable Applications for anti-HAT1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Rat Hat1
Protein Size (# AA)	419 amino acids
Protein Name	Histone acetyltransferase type B catalytic subunit
Replacement Items	This antibody may replace item sc-366092 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-Hat1 AntibodyTitration: 1.0 ug/mlPositive Control: Rat Pancreas

ADDITIONAL INFORMATION

Related Product Information for anti-HAT1 antibody	This is a rabbit polyclonal antibody against Hat1. It was validated on Western Blot Target Description: Hat1 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). Hat1 has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. Hat1 may be involved in nucleosome assembly during DNA replication and repair as part of the histone H3.1 and H3.3 complexes.
Product Categories/Family for anti-HAT1 antibody	Polyclonal; Chromatin & Nuclear Signaling; DNA Damage & Repair; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	57527084
NCBI GeneID	296501
NCBI Accession #	NP_001009657
NCBI GenBank Nucleotide #	NM_001009657
UniProt Accession #	Q5M939
Molecular Weight	46kDa
NCBI Official Full Name	histone acetyltransferase type B catalytic subunit
NCBI Official Synonym Full Names	histone acetyltransferase 1
NCBI Official Symbol	Hat1
NCBI Protein Information	histone acetyltransferase type B catalytic subunit
UniProt Protein Name	Histone acetyltransferase type B catalytic subunit
UniProt Gene Name	Hat1

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.