

Anti-HAT1 Antibody

Catalog Number: A03596-1

About 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). 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.

Claudia J. Schroder-Adams, Bulletin of Canadian Petroleum Geology, Sep 1997; 45: 356 - 376.

Pil-Hoon Park, Am J Physiol Gastrointest Liver Physiol, Dec 2005; 289: G1124 - G1136.

Claudia J. Schroeder-Adams, Palaios, Aug 1998; 13: 361 - 375.

L. J. Patric

Overview

Product Name	Anti-HAT1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HAT1 Antibody catalog # A03596-1. Tested in WB,IHC,IF,CHIP applications. This antibody reacts with Human,Mouse,Rat.
Application	ChIP, IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O14929

Technical Details

Immunogen	Synthesized peptide derived from Internal of human HAT.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:2000 IHC/IF: 1:50-1:200 CHIP: 1:50-1:200</p>

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