

A2282

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KAT1/HAT1 Rabbit pAb

Catalog No.: A2282

Basic Information

Observed MW

47kDa

Calculated MW

50kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

The protein encoded by this gene 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. Alternatively spliced transcript variants have been identified for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

8520

Swiss Prot

O14929

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

KAT1; KAT1/HAT1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

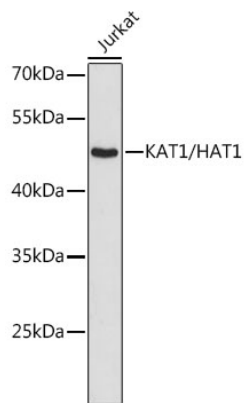
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of lysates from Jurkat cells, using KAT1/HAT1 Rabbit pAb (A2282).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.