

Datasheet: VPA00244

BATCH NUMBER 151204

Description:	RABBIT ANTI HISTONE ACETYLTRANSFERASE 1
Specificity:	HISTONE ACETYLTRANSFERASE 1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit Ig fraction prepared by ammonium sulphate precipitation

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen KLH conjugated synthetic peptide between 389-419 amino acids from the C-terminal region of human histone acetyltransferase 1

External Database Links

UniProt:

[O14929](#) [Related reagents](#)

Entrez Gene:

[8520](#) HAT1 [Related reagents](#)

Specificity

Rabbit anti Human histone acetyltransferase 1 antibody recognizes histone acetyltransferase 1, also known as histone acetyltransferase type B catalytic subunit.

Encoded by the HAT1 gene, histone acetyltransferase 1 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 HAT1 (provided by RefSeq, Jun 2009).

Rabbit anti Human histone acetyltransferase 1 antibody detects a band of 49 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti histone acetyltransferase 1 detects a band of approximately 49 kDa in Jurkat cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00244>
Antibody (10040)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M370606:200529'

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