

Datasheet: AHP2308

Description:	RABBIT ANTI HISTONE DEACETYLASE 1
Specificity:	HISTONE DEACETYLASE 1
Other names:	HDAC1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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
Immunohistology - Paraffin	▪			5 ug/ml
Western Blotting	▪			0.5 - 4.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

30% Glycerol
0.5% Bovine Serum Albumin
0.01% Thiomersal

Approx. Protein

IgG concentration 0.5 mg/ml

Concentrations

Immunogen Synthetic peptide corresponding to the C-terminus of human HDAC1

External Database Links

UniProt:

[Q13547](#) [Related reagents](#)

Entrez Gene:

[3065](#) HDAC1 [Related reagents](#)

Synonyms RPD3L1

Specificity **Rabbit anti Histone deacetylase 1** recognizes human histone deacetylase 1 (HDAC1), also known as RPD3L1. HDAC1 is a 482 amino acid member of the histone deacetylase family responsible for the deacetylation of core histone N-terminal lysines. Histone acetylation and deacetylation play important roles in modifying chromatin structure and regulating eukaryotic gene expression. HDAC1 is a ubiquitously expressed ~62kD class I HDAC enzyme, which is related to the yeast transcriptional regulator Rpd3p ([Bertos *et al.* 2001](#)).

Western Blotting Rabbit anti histone deacetylase 1 recognizes a band of approximately 62 kDa in Jurkat cell lysate

Storage Store at -20°C
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10096 available at:
10096: <https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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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

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