

Datasheet: AHP2476

Description:	RABBIT ANTI HISTONE DEACETYLASE 3
Specificity:	HISTONE DEACETYLASE 3
Other names:	HDAC3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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
Immunohistology - Paraffin	▪			1/50 - 1/100
Immunoprecipitation	▪			1/50 - 1/200
Western Blotting	▪			1/500 - 1/2000
Immunofluorescence	▪			1/50 - 1/200
Chromatin Immunoprecipitation	▪			1/20 - 1/100

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

Based on sequence similarity, is expected to react with: 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

Antiserum Preparation Antiserum to histone deacetylase 3 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity

chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.05% ProClin 300
Stabilisers 50% Glycerol

Immunogen Recombinant human histone deacetylase 3

External Database Links

UniProt:

[O15379](#)

[Related reagents](#)

Entrez Gene:

[8841](#)

HDAC3

[Related reagents](#)

Specificity **Rabbit anti histone deacetylase 3 antibody** recognizes histone deacetylase 3 also known as HDAC3. Histone deacetylases are chromatin-modifying enzymes that are involved in regulation of many aspects of cell biology including tissue differentiation, autophagy, apoptosis, migration, mitosis and angiogenesis. Class I HDACs, which include HDAC1, 2, 3 and 8 are ubiquitously expressed in all tissues and have predominantly nuclear localization.

Western Blotting Rabbit anti histone deacetylase 3 antibody detects a band of approximately 49 kDa in cell lysates under reducing conditions

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

Acknowledgements ProClin is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

Health And Safety Information Material Safety Datasheet documentation #20376 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2476>
20376

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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
'M423165:231006'

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