

Datasheet: AHP2310

Description:	RABBIT ANTI HISTONE DEACETYLASE 3
Specificity:	HISTONE DEACETYLASE 3
Other names:	HDAC3
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	▪			20 - 30 µg/ml
Western Blotting	▪			0.5 - 4.0 µg/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	Based on sequence similarity, is expected to react with: Mouse, Rat, Chicken N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative	30% Glycerol
Stabilisers	0.5% Bovine Serum Albumin 0.01% Thiomersal
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Synthetic peptide corresponding to the C-terminus of human HDAC3
External Database Links	UniProt: O15379 Related reagents Entrez Gene:

Specificity	Rabbit anti Histone deacetylase 3 antibody recognizes histone deacetylase 3 (HDAC3). Histone acetylation and deacetylation play important roles in modifying chromatin structure and regulating eukaryotic gene expression. HDAC3 has been characterized as a class I HDAC enzyme. HDAC3 is reported to interact with the SMRT corepressor forming a complex which inhibits histone deacetylase activity.
Western Blotting	Rabbit anti histone deacetylase 3 recognizes a band of approximately 49 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.
Shelf Life	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 (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

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