

Datasheet: AHP2477

BATCH NUMBER 141444

Description:	RABBIT ANTI HISTONE DEACETYLASE 4
Specificity:	HISTONE DEACETYLASE 4
Other names:	HDAC4
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
Western Blotting	▪			1/500 - 1/2000
Immunofluorescence	▪			1/50 - 1/200

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 4 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	0.02% Sodium Azide
Stabilisers	50% Glycerol
Immunogen	Synthetic human histone deacetylase 4 peptide
External Database Links	<p>UniProt: P56524 Related reagents</p> <p>Entrez Gene: 9759 HDAC4 Related reagents</p>
Synonyms	KIAA0288
Specificity	Rabbit anti histone deacetylase 4 antibody recognizes histone deacetylase 4, also known as HDAC4. 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. HDAC4 is a member of class IIa of the histone deacetylases which unlike class I is not found in the only in the nucleus but rather shuttles back and forth between nucleus and cytoplasm.
Western Blotting	Rabbit anti histone deacetylase 4 peptide antibody detects a band of approximately 119 kDa in cell lysates and tissue 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
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2477 10049
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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M361320:200210'

Printed on 25 Mar 2023

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