

Datasheet: AHP3007

BATCH NUMBER 153399

| | |
|----------------------|---------------------|
| Description: | RABBIT ANTI PHF6 |
| Specificity: | PHF6 |
| 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 |

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

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 PHF6 was raised by repeated immunization of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide
50% Glycerol

Immunogen Recombinant protein of human PHF6

External Database

Links

UniProt:

[Q8IWS0](#)

[Related reagents](#)

Entrez Gene:

[84295](#)

PHF6

[Related reagents](#)

Synonyms

KIAA1823

Specificity

Rabbit anti PHF6 antibody recognizes PHD finger protein 6, also known as CENP-31, BFLS, BORJ and KIAA1823.

The gene encoding PHF6 is located on the x-chromosome, and mutations cause Borjeson-Forssman-Lehmann Syndrome, a rare disease characterized by features including intellectual disability, developmental delay, and epilepsy (Mangelsdorf et al. 2009). PHF6 is a tumor suppressor, and a negative regulator of hemopoietic stem cell (HSC) self-renewal (McRae et al. 2019). Therefore, mutations that inactivate PHF6 gene function have also been implicated in hematological malignancies (Miyagi et al. 2019).

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/AHP3007>
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](#)

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

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

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](https://www.bio-rad-antibodies.com/datasheets)

Printed on 18 Jan 2024

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