

Datasheet: AHP3031

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|----------------------|-------------------------|
| Description: | RABBIT ANTI MOUSE BRPF1 |
| Specificity: | BRPF1 |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 ml |

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 | ▪ | | | 1/1000 - 1/2500 |

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 | Mouse |
| Product Form | Purified IgG - liquid |
| Antiserum Preparation | Antiserum to mouse BRPF1 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 | 0.035% Sodium Azide (NaN ₃) |
| Stabilisers | 30% Glycerol |
| Carrier Free | Yes |
| Immunogen | A peptide within the C-terminal region of mouse BRPF1 |
| External Database Links | UniProt: B2RRD7 Related reagents |

Specificity

Rabbit anti Mouse BRPF1 antibody recognizes bromodomain and PHD finger-containing protein 1, also known as peregrin.

BRPF1 regulates chromatin by activating the histone acetyltransferases *Moz*, *Morf* and *Hbo1* and has been shown to play a critical role in a variety of developmental processes including embryonic fibroblast proliferation ([You et al. 2015](#)). BRPF1 is also highly expressed in the central nervous system and plays a crucial role in the development of several important structures, including the hippocampus ([You et al. 2014](#)). BRPF1 has also been shown to play a tumor suppressor role in several malignant tumors ([Huether et al. 2014](#)). However, BRPF1 may also play an oncogenic role in some cancers such as acute myeloid leukemia (AML) ([Shima et al. 2014](#)).

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. 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/AHP3031>
10049

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](#)

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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)

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