

## Datasheet: AHP3031

**BATCH NUMBER 160754**

<b>Description:</b>	RABBIT ANTI MOUSE BRPF1
<b>Specificity:</b>	BRPF1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.035% Sodium Azide (NaN <sub>3</sub> ) 30% Glycerol
<b>Carrier Free</b>	Yes
<b>Immunogen</b>	A peptide within the C-terminal region of mouse BRPF1

#### External Database Links

##### UniProt:

[B2RRD7](#)

[Related reagents](#)

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**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](#)).

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3031>  
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**Regulatory** For research purposes only

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## 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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