

## Datasheet: AHP2419

**BATCH NUMBER 153684**

<b>Description:</b>	RABBIT ANTI CASPASE-9 p10
<b>Specificity:</b>	CASPASE-9 p10
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

### 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	▪			1/200

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, 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

#### Preparation

Purified IgG prepared by affinity chromatography

#### Antiserum Preparation

Antiserum to caspase-9 p10 was raised by repeated immunisation of rabbits with highly purified antigen

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

0.2% Gelatin

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<b>Approx. Protein Concentrations</b>	IgG concentration 0.2 mg/ml
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<b>Immunogen</b>	Peptide mapping to an internal region of human caspase-9 p10 subunit
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<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P55211</a> <a href="#">Related reagents</a>
	<b>Entrez Gene:</b> <a href="#">842</a> CASP9 <a href="#">Related reagents</a>

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<b>Synonyms</b>	MCH6
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**Specificity**      **Rabbit anti caspase-9 p10 antibody** recognizes caspase-9, a member of the cysteine-aspartic acid protease family. The active form of caspase-9 is generated by cleavage of the pro-caspase-9 protein into fragments, known as the large and small fragments. The trigger for caspase-9 cleavage is the formation of the apoptosome (comprising of cytochrome c, APAF-1, dATP and pro-caspase-9), upon stimulation of the intrinsic apoptosis pathway.

The rabbit anti caspase-9 antibody was raised against an internal peptide that is present in one of the small fragments (p10) generated in the pro-caspase-9 cleavage process at Asp330 ([Zou et al. 2002](#)). The antibody will therefore detect pro-caspase-9 (as the motif is present) and the p10 caspase-9 fragment. The antibody can therefore be used to distinguish the p10 caspase-9 fragment from other pro-caspase-9 cleavage products.

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<b>Western Blotting</b>	Rabbit anti caspase-9 p10 recognizes a band of approximately 47 kDa when run under reducing conditions without induction of apoptosis
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<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20341 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2419">https://www.bio-rad-antibodies.com/SDS/AHP2419</a> 20341
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<b>Regulatory</b>	For research purposes only
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## 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](#)

## Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

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Tel: +44 (0)1865 852 700

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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://bio-rad-antibodies.com/datasheets)

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**Printed on 12 Aug 2023**

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