

Datasheet: AHP2419

Description:	RABBIT ANTI CASPASE-9 p10
Specificity:	CASPASE-9 p10
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.
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	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.2% Gelatin
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to an internal region of human caspase-9 p10 subunit
External Database Links	UniProt: P55211 Related reagents

Entrez Gene:[842](#) [CASP9](#) [Related reagents](#)**Synonyms**

MCH6

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.

Western Blotting

Rabbit anti caspase-9 p10 recognizes a band of approximately 47 kDa when run under reducing conditions without induction of apoptosis

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #20341 available at:
20341: <https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf>

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](#)

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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