

Datasheet: AHP2288

Description:	RABBIT ANTI CASPASE-9 (ACTIVE)
Specificity:	CASPASE-9 (ACTIVE)
Other names:	APOPTOTIC PROTEASE-ACTIVATING FACTOR 3, CASP-9
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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
Immunoprecipitation	■			10 - 20 ug/ml
Western Blotting	■			0.5 - 4.0 ug/ml

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
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	50% Glycerol 0.5% Bovine serum Albumin 0.02% Thiomersal
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Synthetic peptide mapping to the N-terminus adjacent to Asp330 of human caspase-9
External Database Links	UniProt: P55211 Related reagents Entrez Gene: 842 CASP9 Related reagents
Synonyms	MCH6

Specificity	Rabbit anti caspase-9 antibody recognizes caspase-9 also known as apoptotic protease-activating factor 3 (APAF-3). Caspase-9 as the name implies is a member of the cysteine-aspartic acid protease family. The active form of caspase-9 is generated via cleavage of the pro-caspase-9 protein into two fragments, known as the large and the small fragment. The trigger for caspase-9 cleavage is the binding of cytochrome c to pro-caspase-9, which is released upon receiving apoptotic stimuli. Caspase-9 is an effector caspase that plays a role in the mediation of mitochondrial apoptosis. Active caspase-9 cleaves pro-caspases 3 and 7 into their active forms. Caspase activity can be inhibited by c-IAP1, c-IAP2, XIAP and other members of the inhibitor of apoptosis protein family.
Western Blotting	Rabbit anti caspase-9 recognizes the cleaved form of caspase 9 (approximately 37kDa) in Jurkat cells treated with etoposide
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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10585 available at: 10585: https://www.bio-rad-antibodies.com/uploads/MSDS/10585.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

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'M277612:151125'

Printed on 02 May 2018