

Datasheet: AHP626

BATCH NUMBER 070115

Description:	RABBIT ANTI CASPASE-12 (aa2-17)
Specificity:	CASPASE-12 (aa2-17)
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			10ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.5ug/ml - 1ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Human, 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

Antiserum Preparation Antisera to mouse caspase 12 were raised by repeated immunisation of rabbits with

highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.02% Sodium Azide
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Approx. Protein Concentrations	IgG concentration 1 mg/ml
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Immunogen	Synthetic peptide corresponding to amino acids 2-17 of murine caspase 12.
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External Database Links	UniProt: O08736 Related reagents Entrez Gene: 12364 Casp12 Related reagents
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RRID	AB_323642
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Specificity	Rabbit anti caspase-12 (aa12-17) polyclonal antibody recognizes an epitope within the N-terminal region of murine caspase 12. Caspase 12 is a member of the interleukin-1 Beta converting enzyme (ICE) subfamily of caspases. Caspase 12 is ubiquitously expressed in murine tissue and is localised to the endoplasmic reticulum.
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Histology Positive Control Tissue	Heart tissue.
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Further Reading	1. VanDeCraen, M. <i>et al.</i> (1997) Characterization of seven murine caspase family members. FEBS Lett. 403 (1): 61-9.
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Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP626 10040
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Regulatory	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](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

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

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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

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