

Datasheet: AHP2717

BATCH NUMBER 154703

Description:	RABBIT ANTI CASPASE-3
Specificity:	CASPASE-3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Immunohistology - Paraffin	■			1/50 - 1/200
Western Blotting	■			1/500 - 1/2000

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	<p>Reacts with: Rat</p> <p>Based on sequence similarity, is expected to react with: Mouse</p> <p>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.</p>
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to caspase-3 was 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
Preservative Stabilisers	0.02% Sodium Azide

50% Glycerol

Immunogen	Recombinant human caspase-3
External Database Links	UniProt: P42574 Related reagents Entrez Gene: 836 CASP3 Related reagents
Synonyms	CPP32
Specificity	Rabbit anti caspase-3 antibody recognizes caspase-3 also known as cysteine protease CPP32. Caspase-3, as the name implies, is a member of the cysteine-aspartic acid protease (caspase) protein family. Caspase-3 is an effector caspase that is activated by both the intrinsic and extrinsic apoptosis pathways. Caspase-3 is cleaved from an inactive 32 kDa zymogen/pro-enzyme into p17 and p12 subunits by the activated initiator caspases 9 and 8 in apoptotic cells. These subunits dimerize to form the active caspase 3 protein that cleaves and activates caspase-6 and 2. Through the activation/cleavage of downstream caspases, caspase-3 plays an important role in mediating apoptosis signaling.
Western Blotting	Rabbit anti caspase-3 antibody detects a band of approximately 32 kDa in Jurkat cell lysate under reducing conditions
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2717
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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 \(STAR209P\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M340152:190104'

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