

Datasheet: AHP2287

Description:	RABBIT ANTI CASPASE-7 (ACTIVE)
Specificity:	CASPASE-7 (ACTIVE)
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
Immunohistology - Paraffin	▪			10 - 20 ug/ml
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

Species Cross Reactivity

Based on sequence similarity, is expected to react 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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

50% Glycerol
1% Bovine serum Albumin
0.02% Thiomersal

Approx. Protein Concentrations

IgG concentration 0.2 mg/ml

Immunogen	Synthetic peptide surrounding amino acid 195 of human caspase-7
External Database Links	<p>UniProt: P55210 Related reagents</p> <p>Entrez Gene: 840 CASP7 Related reagents</p>
Synonyms	MCH3
Specificity	Rabbit anti caspase-7 antibody recognizes caspase-7. Caspase-7 is a member of the cysteine-aspartic acid protease family. The active form of caspase-7 is generated via cleavage of the pro-caspase-7 by caspase 3, 9 or 10. Caspase-7 is an effector caspase that plays a role in the cleavage of the DNA repair and apoptosis mediating PARP (Poly ADP-ribose polymerase) proteins. 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-7 recognizes the large subunit of cleaved caspase-7 (approximately 20 kDa) in lysate from Jurkat cells treated with 2 mM camptothecin for 6hrs
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 #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](#)
- 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](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

