

Datasheet: AHP2730

BATCH NUMBER 148743

Description:	RABBIT ANTI IP3R 3
Specificity:	IP3R 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
Western Blotting	▪			1/500 - 1/3000

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
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Product Form	Purified IgG - liquid
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Antiserum Preparation	Antiserum to IP3R 3 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.02% Sodium Azide 50% Glycerol
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Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1630-1870 of human IP3R 3
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External Database Links	UniProt: Q14573 Related reagents
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Specificity **Rabbit anti IP3R 3 antibody** recognizes inositol 1,4,5-trisphosphate receptor type 3, also known as IP3R 3, InsP3R3 and type 3 inositol 1,4,5-trisphosphate receptor. It is an intracellular Ca²⁺ release channel that modulates cellular functions including gene expression and cellular growth ([Patterson et al. 2004](#)). The F-box protein FBXL2 binds IP3R3 and targets it for ubiquitin-, p97- and proteasome-mediated degradation. This limits Ca²⁺ influx into mitochondria ([Kuchay et al. 2017](#)).

Western Blotting Rabbit anti IP3R 3 antibody detects a band of approximately 300 kDa in HeLa, L02 and HepG2 cell lysates 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/AHP2730>
10049

Regulatory For research purposes only

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](#)

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