

Datasheet: AHP2999

Description:	RABBIT ANTI RPAP3
Specificity:	RPAP3
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 - 1/2000

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

Reacts with: 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

Antiserum to RPAP3 was raised by repeated immunization of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide
50% Glycerol

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 17-241 of human RPAP3 (NP_001139547)

External Database**Links****UniProt:**[Q9H6T3](#) [Related reagents](#)**Entrez Gene:**[79657](#) RPAP3 [Related reagents](#)

Specificity

Rabbit anti RPAP3 antibody recognizes RNA polymerase II-associated protein 3 (RPAP3), also known as HSpagh and Tah1.

It is a component of the R2TP/PFDL complex (Cloutier et al. 2009) and provides a flexible scaffold for allowing the abundant molecular chaperone HSP90 to interact with other proteins including RNA Pol II, TOR and SMG1, allowing the assembly of important cellular complexes (Martino et al. 2018). It has been suggested that RPAP3 can modulate UV-induced DNA damage (Ni et al. 2009). RPAP3 appears to bind to NEMO, inhibiting the NF-kappaB signaling pathway and enhancing cytotoxicity of the chemotherapeutic agent doxorubicin (Shimada et al. 2011).

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: 10049: <https://www.bio-rad-antibodies.com/uploads/MSDS/10049.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](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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