

Datasheet: AHP2710

Description:	RABBIT ANTI P90RSK1
Specificity:	P90RSK1
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
-----------------------	-------

Product Form	Purified IgG - liquid
---------------------	-----------------------

Antiserum Preparation Antiserum to P90RSK1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
------------------------	---------------------------

Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol

Immunogen	A synthetic peptide corresponding to a sequence from amino acid 600 to the C-terminus of human P90RSK1
------------------	--

External Database Links

UniProt:

[Q15418](#)

[Related reagents](#)

Entrez Gene:

Synonyms	MAPKAPK1A, RSK1
-----------------	-----------------

Specificity	Rabbit anti P90RSK1 antibody recognizes recognizes ribosomal protein S6 kinase alpha-1, also known as p90S6K, MAPK-activated protein kinase 1a, MAPKAPK-1a and RSK-1. It belongs to the RSK (ribosomal S6 kinase) family of serine/threonine kinases (Fisher and Blenis 1996). It is a downstream effector of Ras/ERK signalling pathway (Casalvieri et al. 2017). It directly phosphorylates I κ B and activates NF- κ B (Xu et al. 2006). It has been reported to phosphorylate CREB on Ser133 (Cho et al. 2011). RSK also promotes mTOR signaling and translation (Shahbazian et al. 2006). Expression and activity of RSK1 promotes tumor growth and survival (Casalvieri et al. 2017).
--------------------	--

Western Blotting	Rabbit anti P90RSK1 antibody detects a band of approximately 90 kDa in various cell and tissue 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/AHP2710 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](#)

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
----------------------------------	---	------------------	---	---------------	---

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)
'M416508:230302'

Printed on 12 Aug 2023