

Datasheet: AHP2674

Description:	RABBIT ANTI RAF-1 (pSer259)
Specificity:	RAF-1 (pSer259)
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
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antiserum to RAF-1 (pSer259) 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
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Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol

Immunogen	Phospho specific-peptide corresponding to residues surrounding serine 259 of human RAF-1
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External Database Links

UniProt:
[P04049](#) [Related reagents](#)

Entrez Gene:

Synonyms	RAF
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Specificity	Rabbit anti RAF-1 (pSer259) antibody recognizes RAF-1, also known as RAF proto-oncogene serine/threonine-protein kinase and proto-oncogene c-RAF (cRaf), when phosphorylated at serine 259. RAF-1 is a serine/threonine protein kinase and a member of the RAF family. Upon activation by Ras, RAF-1 initiates the MAPK signaling cascade, playing a role in regulation of cell proliferation, differentiation, survival and apoptosis. RAF-1 is phosphorylated by AKT at serine 259. Phosphorylation of RAF-1 at serine 259 allows binding of 14-3-3 proteins, inhibiting the activity of RAF-1 (Kubicek <i>et al.</i> 2002).
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Further Reading	1. Kubicek, M. <i>et al.</i> (2002) Dephosphorylation of Ser-259 regulates Raf-1 membrane association. J Biol Chem. 277 (10): 7913-9.
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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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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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