

Datasheet: AHP2698

Description:	RABBIT ANTI SRC (pTyr530)
Specificity:	SRC (pTyr530)
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
Immunohistology - Paraffin	▪			1/50 - 1/100
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

Based on sequence similarity, is expected to react with: Mouse

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 SRC (pTyr530) 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 Stabilisers

0.02% Sodium Azide
50% Glycerol

Immunogen

Phospho specific-peptide corresponding to residues surrounding tyrosine 530 of human

SRC

External Database

Links

UniProt:

[P12931](#) [Related reagents](#)

Entrez Gene:

[6714](#) SRC [Related reagents](#)

Synonyms

SRC1

Specificity

Rabbit anti SRC (pTyr530) antibody recognizes proto-oncogene tyrosine-protein kinase Src, also known as SRC1, when phosphorylated at tyrosine 530. SRC belongs to the SRC family of protein tyrosine kinases that mediate signal transduction of specific receptor pathways ([Thomas, S.M. & Brugge, J.S. 1997](#)). Rabbit anti SRC (pTyr530) is raised against the tyrosine present in conserved EPQyQPG motif. Human tyrosine 530 is commonly referred to and named according to the chicken SRC protein. In chicken, the corresponding residue is tyrosine 527 ([Boggon, T.J. & Eck, M.J. 2004](#)). Tyrosine 530 is a negative regulatory site of SRC kinase activity and is phosphorylated by the Src-specific kinase Csk ([Nada, S. et al. 1991](#)) or its homolog Chk ([Hamaguchi, I. et al. 1996](#) and [Davidson, D. et al. 1997](#)).

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/AHP2698>
10049

Regulatory

For research purposes only

Related Products

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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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