

Datasheet: AHP2698

**BATCH NUMBER 147421**

<b>Description:</b>	RABBIT ANTI SRC (pTyr530)
<b>Specificity:</b>	SRC (pTyr530)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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

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**External Database Links**

**UniProt:**  
[P12931](#)    [Related reagents](#)

**Entrez Gene:**  
[6714](#)    SRC    [Related reagents](#)

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**Synonyms**            SRC1

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**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](#)).

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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:  
<https://www.bio-rad-antibodies.com/SDS/AHP2698>  
10049

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**Regulatory**            For research purposes only

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## Related Products

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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)  
'M354112:190624'

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