

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.
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	0.02% Sodium Azide
Stabilisers	50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding tyrosine 530 of human SRC
External Database Links	<p>UniProt: P12931 Related reagents</p> <p>Entrez Gene: 6714 SRC Related reagents</p>
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: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

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
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