

Datasheet: AHP2581

Description:	RABBIT ANTI C-JUN (pTyr170)
Specificity:	C-JUN (pTyr170)
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 c-Jun (pTyr170) 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 tyrosine 170 of human c-Jun
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External Database Links

UniProt:
[P05412](#) [Related reagents](#)

Entrez Gene:

Specificity	<p>Rabbit anti c-Jun (pTyr170) antibody recognizes proto-oncogene c-Jun, also known as V-jun avian sarcoma virus 17 oncogene homolog and p39, when phosphorylated at tyrosine 170. c-Jun is a member of the Jun family of transcription factors and is a subunit of the AP-1 transcription factor. c-Jun dimerizes with c-Fos, JDP and ATF family members to form the AP-1 transcription factor. AP-1 is activated by a variety of stimuli including cytokines, stress and growth factors and plays a critical role in cellular processes ranging from proliferation to apoptosis.</p> <p>c-Jun is phosphorylated at tyrosine 170 by the c-Abl tyrosine kinase (Gao et al. 2006) preventing ubiquitin mediated degradation of c-Jun.</p>
Further Reading	1. Gao, B. <i>et al.</i> (2006) The tyrosine kinase c-Abl protects c-Jun from ubiquitination-mediated degradation in T cells. J Biol Chem. 281 (40): 29711-8.
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

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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