

Datasheet: AHP2580

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| Description: | RABBIT ANTI C-JUN (pThr93) |
| Specificity: | C-JUN (pThr93) |
| 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 - 1/1000 |

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.

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| Target Species | Human |
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| Product Form | Purified IgG - liquid |
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Antiserum Preparation Antiserum to c-Jun (pThr93) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

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| Buffer Solution | Phosphate buffered saline |
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| Preservative | 0.02% Sodium Azide |
| Stabilisers | 50% Glycerol |

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| Immunogen | Phospho specific-peptide corresponding to residues surrounding threonine 93 of human c-Jun |
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External Database Links

UniProt:

[P05412](http://www.uniprot.org/entry/P05412)

[Related reagents](#)

Entrez Gene:

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| Specificity | <p>Rabbit anti c-Jun (pThr93) antibody recognizes proto-oncogene c-Jun, also known as V-jun avian sarcoma virus 17 oncogene homolog and p39, when phosphorylated at threonine 93. 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 reported to be phosphorylated at threonine 93 by P21-activated kinase (PAK) 2, promoting cell transformation and proliferation (Li et al. 2011).</p> |
| Further Reading | 1. Li, T. <i>et al.</i> (2011) P21-activated protein kinase (PAK2)-mediated c-Jun phosphorylation at 5 threonine sites promotes cell transformation. Carcinogenesis. 32 (5): 659-66. |
| Storage | <p>Store at -20°C</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p> |
| 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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|----------------------------------|---|------------------|---|---------------|---|
| 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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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M393474:211222'

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