

Datasheet: AHP2297

Description:	RABBIT ANTI C-JUN (pSer73)
Specificity:	C-JUN (pSer73)
Other names:	TRANSCRIPTION FACTOR AP-1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			10 - 20 ug/ml
Western Blotting	▪			0.5 - 4.0 ug/ml

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	<p>Reacts with: Mouse</p> <p>Based on sequence similarity, is expected to react with:Rat</p> <p>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.</p>
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<p>50% Glycerol</p> <p>1% Bovine serum Albumin</p> <p>0.02% Thiomersal</p>

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser73 of human C-Jun
External Database Links	<p>UniProt: P05412 Related reagents</p> <p>Entrez Gene: 3725 JUN Related reagents</p>
Specificity	<p>Rabbit anti c-Jun (pSer73) antibody recognizes proto-oncogene c-Jun, also known as transcription factor AP-1, activator protein 1 (AP1), V-jun avian sarcoma virus 17 oncogene homolog and p39, when phosphorylated at serine 73. The c-Jun transcription factor is encoded by the c-jun oncogene and 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 becomes phosphorylated on Serine 63 and Serine 73 by MAPK8 (SAPK/JNK) and PLK3, which regulate c-Jun transcription. c-Jun has been implicated in early tumor development, invasion and metastasis and due to these findings has been identified as a target for cancer therapies.</p>
Western Blotting	Rabbit anti c-Jun (pSer 73) recognizes a band of approximately 48 kDa in lysate from NIH3T3 cells treated with the MAP kinase inhibitor anisomycin
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 #10585 available at: 10585: https://www.bio-rad-antibodies.com/uploads/MSDS/10585.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 (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®680 , DyLight®800
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP

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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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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