

## Datasheet: AHP2412

<b>Description:</b>	RABBIT ANTI C-JUN
<b>Specificity:</b>	C-JUN
<b>Other names:</b>	AP-1, p39
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Western Blotting	■			1/400

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.

<b>Target Species</b>	Mouse
<b>Species Cross Reactivity</b>	Reacts with: Human, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Antiserum Preparation</b>	Antiserum to c-Jun was raised by repeated immunisation of rabbits with highly purified antigen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.2% Gelatin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.2 mg/ml
<b>Immunogen</b>	Peptide mapping to the amino terminus of mouse c-Jun
<b>External Database Links</b>	<b>UniProt:</b> <a href="http://www.uniprot.org/entry/P05627">P05627</a> <a href="#">Related reagents</a>

**Entrez Gene:**[16476](#) Jun [Related reagents](#)

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<b>Specificity</b>	<b>Rabbit anti c-Jun antibody</b> recognizes c-Jun, also known as p39. 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 ( <a href="#">Eferl and Wagner 2003</a> ). 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. 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.
<b>Western Blotting</b>	Rabbit anti mouse c-Jun recognizes a band of approximately 36 kDa when run under reducing conditions
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20341 available at: 20341: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf</a>
<b>Regulatory</b>	For research purposes only

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## 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](#)  
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

<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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