

Datasheet: AHP2412

BATCH NUMBER 162338

Description:	RABBIT ANTI C-JUN
Specificity:	C-JUN
Other names:	AP-1, p39
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Human, Rat

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.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography

Antiserum Preparation

Antiserum to c-Jun was raised by repeated immunisation of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.2% Gelatin
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to the amino terminus of mouse c-Jun
External Database Links	<p>UniProt: P05627 Related reagents</p> <p>Entrez Gene: 16476 Jun Related reagents</p>
Specificity	<p>Rabbit anti c-Jun antibody 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 (Eferl and Wagner 2003). 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.</p>
Western Blotting	Rabbit anti mouse c-Jun recognizes a band of approximately 36 kDa when run under reducing conditions
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #20341 available at: https://www.bio-rad-antibodies.com/SDS/AHP2412 20341</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (STAR35...)	RPE
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®680 , DyLight®800

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
'M336596:181214'

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