

Datasheet: AHP2411

BATCH NUMBER 180613

Description:	RABBIT ANTI C-FOS
Specificity:	C-FOS
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	▪			1/200

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

Reacts with: Mouse, 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-Fos was raised by repeated immunisation of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

0.2% Gelatin

Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
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Immunogen	Peptide mapping to the amino terminus of human c-Fos
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External Database Links	UniProt: P01100 Related reagents
	Entrez Gene: 2353 FOS Related reagents

Synonyms	G0S7
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Specificity	<p>Rabbit anti c-Fos antibody recognizes c-Fos also known as G0/G1 switch regulatory protein 7 (G0S7). The c-Fos transcription factor is encoded by the c-Fos proto-oncogene and dimerizes with c-Jun, JDP and ATF family members to form the AP-1 transcription factor (Eferl and Wagner 2003).</p> <p>c-Fos plays an essential role in mediating cellular signaling responses after cellular stress. The ability of the c-Fos protein to act as a transcription factor is regulated by phosphorylation on selected sites by the kinases p38, ERK, RSK1 and RSK2 (Lopez-Bergami et al. 2011). The protein accumulates in the nucleus, where it acts as a transcription factor upon formation of heterodimers with c-Jun. This binding prevents the nuclear export and subsequent proteosomal degradation of c-Fos (Halazonetiset al. 1988).</p>
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Western Blotting	Rabbit anti c-Fos recognizes a band of approximately 55 kDa when run under reducing conditions
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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #20341 available at: https://www.bio-rad-antibodies.com/SDS/AHP2411 20341
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Regulatory	For research purposes only
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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 \(STAR209P\)](#)

North & South Tel: +1 800 265 7376

America 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

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

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