

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 (NaN ₃)

0.2% Gelatin

Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to the amino terminus of human c-Fos
External Database Links	UniProt: P01100 Related reagents Entrez Gene: 2353 FOS Related reagents
Synonyms	G0S7
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>
Western Blotting	Rabbit anti c-Fos recognizes a band of approximately 55 kDa when run under reducing conditions
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20341 available at: https://www.bio-rad-antibodies.com/SDS/AHP2411 20341
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

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