

Datasheet: AHP2411

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.
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	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 human c-Fos

External Database Links

UniProt:

[P01100](http://www.uniprot.org/entry/P01100)

[Related reagents](#)

Entrez Gene:

Synonyms	G0S7
Specificity	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). 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 (Halazonetis et al. 1988).
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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20341 available at: 20341: https://www.bio-rad-antibodies.com/uploads/MSDS/20341.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 (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 \(STAR209P\)](#)

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