

bs-0469R**[Primary Antibody]****c-fos Rabbit pAb****Bioss**
ANTIBODIES

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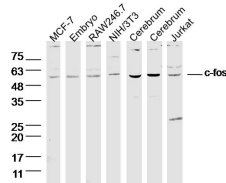
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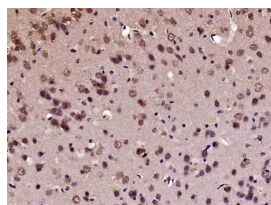
400-901-9800

— DATASHEET —

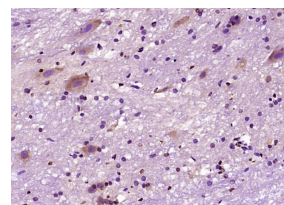
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100)
Clonality: Polyclonal		
GeneID: 2353	SWISS: P01100	
Target: c-fos		
Immunogen: KLH conjugated synthetic peptide derived from human c-fos: 1-100/380.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, Horse)
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq, Jul 2008].		
		Predicted MW.: 41 kDa Subcellular Location: Cytoplasm ,Nucleus

— VALIDATION IMAGES —

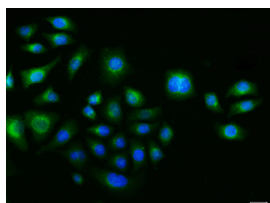
MCF-7 Cell (Human) Lysate at 30 ug
Embryo(Mouse) Lysate at 40 ug
RAW246.7(Mouse)Lysate at 30 ug
NIH/3T3(Mouse)Lysate at 30 ug
Cerebrum(Mouse) Lysate at 40 ug Cerebrum(Rat)
Lysate at 40 ug Primary: Anti- c-fos (bs-0469R) at
1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 41kD Observed band size: 55KD



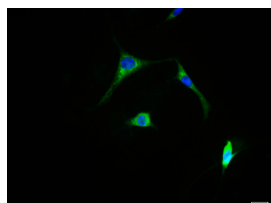
Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (c-fos) Polyclonal Antibody,
Unconjugated (bs-0469R) at 1:400 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructionsand DAB
staining.



Paraformaldehyde-fixed, paraffin embedded
(Rat spinal cord); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (c-fos) Polyclonal Antibody,
Unconjugated (bs-0469R) at 1:400 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructionsand DAB
staining.



Tissue/cell:MCF7 cell; 4% Paraformaldehyde-
fixed; Triton X-100 at room temperature for 20
min; Blocking buffer (normal goat serum,
C-0005) at 37°C for 20 min; Antibody incubation
with (c-fos) polyclonal Antibody, Unconjugated
(bs-0469R) 1:100, 90 minutes at 37°C; followed



Tissue/cell: A431 cell; 4% Paraformaldehyde-
fixed; Triton X-100 at room temperature for 20
min; Blocking buffer (normal goat serum,
C-0005) at 37°C for 20 min; Antibody incubation
with (c-fos) polyclonal Antibody, Unconjugated
(bs-0469R) 1:100, 90 minutes at 37°C; followed

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=12.279]** Zhang Q et al. Photoactivatable Prodrug-Backboned Polymeric Nanoparticles for Efficient Light-Controlled Gene Delivery and Synergistic Treatment of Platinum-Resistant Ovarian Cancer. Nano Lett. 2020 Apr 9. WB,ICC ;Human. 32250633
- **[IF=6.551]** Mei Ha. et al. PKC α mediated by the PI3K/Akt-FOXO1 cascade facilitates cypermethrin-induced hyperthyroidism. Sci Total Environ. 2021 Feb;757:143727 WB ;Rat. 33250241
- **[IF=5.639]** Jing Wen. et al. The cAMP Response Element- Binding Protein/Brain-Derived Neurotrophic Factor Pathway in Anterior Cingulate Cortex Regulates Neuropathic Pain and Anxiodepression Like Behaviors in Rats. Front Mol Neurosci. 2022; 15: 831151 WB ;Rat. 35401106
- **[IF=5.307]** Xiaobao Gong. et al. Synthesis and anti-inflammatory activity of paeonol derivatives with etherized aryl urea by regulating TLR4/MyD88 signaling pathway in RAW264.7 cell. BIOORG CHEM. 2022 Oct;127:105939 WB ;Mouse. 35700569
- **[IF=4.6]** Eleni H. Moschonas. et al. Pre-operative environmental enrichment does not yield a prophylactic effect against traumatic brain injury-induced neurobehavioral deficits. EXP NEUROL. 2024 Oct;;114990 IHC ;Rat. 39389162