

## c-fos Rabbit pAb

Catalog Number: bs-0469R

Target Protein: c-fos

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Dog, Horse)

Predicted MW: 41 kDa

Entrez Gene: 2353

Swiss Prot: P01100

Source: KLH conjugated synthetic peptide derived from human c-fos: 1-100/380.

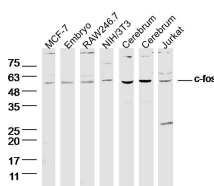
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

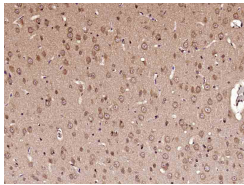
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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].

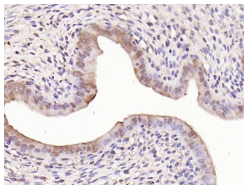
### VALIDATION IMAGES



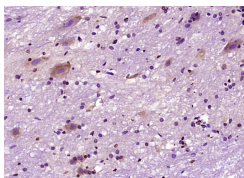
MCF-7 Cell (Human) Lysate at 30 ug Embryo(Mouse) Lysate at 40 ug RAW246.7(Mouse) Lysate at 30 ug NIH/3T3(Mouse) Lysate at 30 ug Cerebrum(Mouse) Lysate at 40 ug Cerebrum(Rat) Lysate at 40 ug Primary: Anti- c-fos (bs-0469R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution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



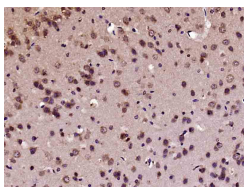
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (c-fos) Polyclonal Antibody,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



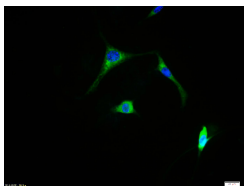
Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (c-fos) Polyclonal Antibody, Unconjugated (bs-0469R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and 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) instructions and DAB staining.



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) instructions and DAB staining.



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 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.

## PRODUCT SPECIFIC PUBLICATIONS

[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 $\alpha$  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