

bs-23042R**[Primary Antibody]****c-fos Rabbit pAb****Bioss**
ANTIBODIES

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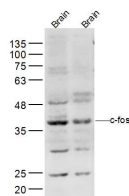
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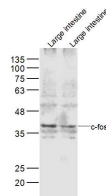
400-901-9800

DATASHEET

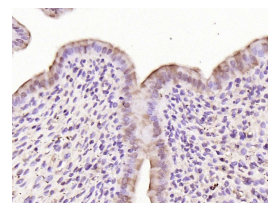
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 41 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 2353	SWISS: P01100	
Target: c-fos		
Immunogen: KLH conjugated synthetic peptide derived from human c-fos: 261-330/380.		
Purification: affinity purified by Protein A		
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].		

VALIDATION IMAGES

Sample: Brain (Mouse) Lysate at 40 ug Brain (Rat) Lysate at 40 ug
Primary: Anti-c-fos (bs-23042R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41 kD
Observed band size: 41 kD



Sample: Large intestine (Mouse) Lysate at 40 ug Large intestine (Rat) Lysate at 40 ug
Primary: Anti-c-fos (bs-23042R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41 kD
Observed band size: 41 kD



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-23042R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

SELECTED CITATIONS

- **[IF=4.171]** Zhan Q et al. The opposite effects of Antarctic krill oil and arachidonic acid-rich oil on bone resorption in ovariectomized mice. Food Funct. 2020 Aug 19;11(8):7048-7060. WB ;mouse. 32813003
- **[IF=3.322]** Hua-chun Miao. et al. Expression changes of c-Fos and D1R/p-ERK1/2 signal pathways in nucleus accumbens of rats after ketamine abuse. BIOCHEM BIOPH RES CO. 2022 Sep;: IHC,WB ;Rat. 36152451
- **[IF=2.65]** Jun Liu. et al. Pharmacology Mechanism of Polygonum Bistorta in Treating Ulcerative Colitis Based on Network Pharmacology. EVID-BASED COMPL ALT. 2022 Dec 28;2022:6461560 IF ;Human. 10.1155/2022/6461560
- **[IF=3.2]** Liu Yamei. et al. Atractylenolide I Attenuates Glucocorticoid-Induced Osteoporosis via Inhibiting NF-κB

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

Signaling Pathway. CALCIFIED TISSUE INT. 2025 Dec;116(1):1-13 WB ;Mouse. 40074976