

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

www.bioss.com.cn

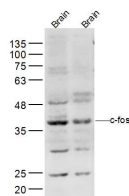
sales@bioss.com.cn

techsupport@bioss.com.cn

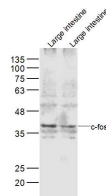
400-901-9800

**DATASHEET**

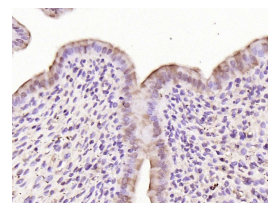
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)  <b>Predicted MW.:</b> 41 kDa  <b>Subcellular Location:</b> Cytoplasm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

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