

**bs-12911R****[ Primary Antibody ]****phospho-c-Fos (Ser374) Rabbit pAb****Bioss**  
**ANTIBODIES**

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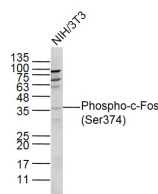
sales@bioss.com.cn

techsupport@bioss.com.cn

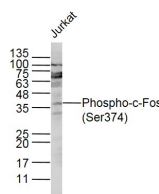
400-901-9800

**— DATASHEET —**

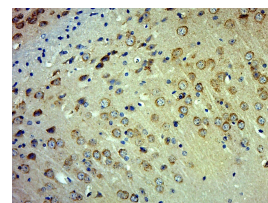
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 2353	<b>SWISS:</b> P01100	<b>IHC-F</b> (1:100-500)
<b>Target:</b> c-Fos (Ser374)		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human c-Fos around the phosphorylation site of Ser374: LS(p-S)PT.		<b>Reactivity:</b> Human, Mouse, Rat
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 41 kDa
<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>Subcellular Location:</b> Cytoplasm ,Nucleus
<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 —**

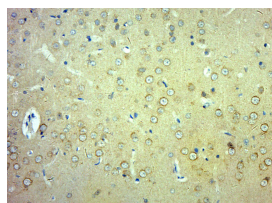
Sample: NIH/3T3 Cell (Mouse) Lysate at 30 ug  
 Primary: Anti- Phospho-c-Fos (Ser374)  
 (bs-12911R) at 1/300 dilution Secondary:  
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
 dilution Predicted band size: 41 kD Observed  
 band size: 36 kD



Sample: Jurkat Cell Lysate at 30 ug Primary:  
 Anti- Phospho-c-Fos (Ser374) (bs-12911R) at  
 1/300 dilution Secondary: IRDye800CW Goat  
 Anti-Rabbit IgG at 1/20000 dilution Predicted  
 band size: 41 kD Observed band size: 36 kD



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 (Phospho-c-Fos (Ser374))  
 Polyclonal Antibody, Unconjugated (bs-12911R)  
 at 1:500 overnight at 4°C, followed by a  
 conjugated secondary (sp-0023) for 20 minutes  
 and DAB staining.



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

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

incubation with (Phospho-c-Fos (Ser374))  
Polyclonal Antibody, Unconjugated (bs-12911R)  
at 1:500 overnight at 4°C, followed by a  
conjugated secondary (sp-0023) for 20 minutes  
and DAB staining.

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## — SELECTED CITATIONS —

- **[IF=8.81]** Liu, Jing-Jing, et al. "A novel AP-1/miR-101 regulatory feedback loop and its implication in the migration and invasion of hepatoma cells." Nucleic Acids Research (2014): gku872. WB ;="Human". 25260594