bs-12911R

[Primary Antibody]

phospho-c-Fos (Ser374) Rabbit pAb



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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 2353 **SWISS:** P01100

Target: c-Fos (Ser374)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

c-Fos around the phosphorylation site of Ser374: LS(p-S)PT.

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].

Applications: WB (1:500-2000)

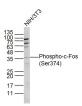
IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

Reactivity: Human, Mouse, Rat

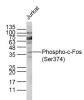
Predicted MW.: 41 kDa

Subcellular Location: Cytoplasm ,Nucleus

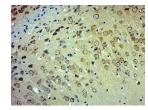
VALIDATION IMAGES



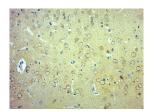
Sample: NIH/3T3 Cell (Mouse) Lysate at 30 ug Primary: Anti- Phospho-c-Fos (Ser374) (bs-12911R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 36 kD



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

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.

- 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