

Phospho-c-Fos (Ser374) Rabbit pAb

Catalog Number: bs-12911R

Target Protein: Phospho-c-Fos (Ser374)

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)

Reactivity: Human, Mouse, Rat

Predicted MW: 41 kDa

Entrez Gene: 2353

Swiss Prot: P01100

Source: KLH conjugated Synthesised phosphopeptide derived from human c-Fos around the phosphorylation site of Ser374: LS(p-S)PT.

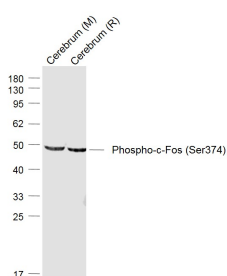
Purification: affinity purified by Protein A

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

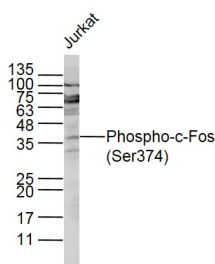
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

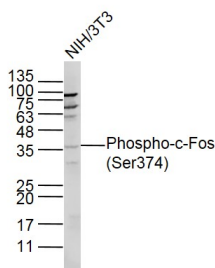
VALIDATION IMAGES



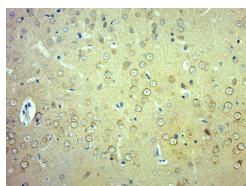
Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebrum (Rat) Lysate at 40 ug Primary: Anti-Phospho-c-Fos (Ser374) (bs-12911R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62/46 kD Observed band size: 46 kD



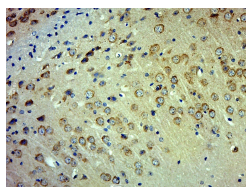
Sample: Jurkat Cell Lysate at 30 ug Primary: Anti- Phospho-c-Fos (Ser374) (bs-12911R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 36 kD



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



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.



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.

PRODUCT SPECIFIC PUBLICATIONS

[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