

**bs-12910R****[ Primary Antibody ]****phospho-c-Fos (Ser362) Rabbit pAb****Bioss**  
**ANTIBODIES**

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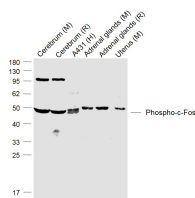
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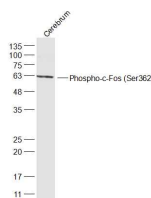
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 2353**SWISS:** P01100**Target:** c-Fos (Ser362)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human c-Fos around the phosphorylation site of Ser362: KG(p-S)SS.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

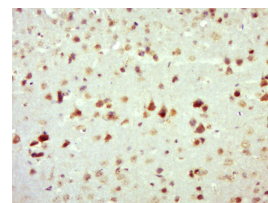
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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: Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)**Predicted MW.:** 41 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

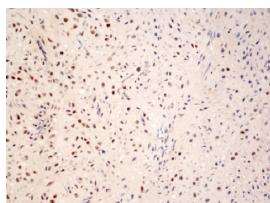
Sample: Cerebrum (Mouse) Lysate at 40 ug  
Cerebrum (Rat) Lysate at 40 ug A431 (Human)  
Cell Lysate at 30 ug Adrenal glands (Mouse)  
Lysate at 40 ug Adrenal glands (Rat) Lysate at 40 ug Uterus (Mouse) Lysate at 40 ug  
Primary: Anti-Phospho-c-Fos (Ser362) (bs-12910R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 62/46 kD Observed band size: 46 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug  
Primary: Anti-Phospho-c-Fos (Ser362) (bs-12910R) 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 (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 (Ser362)) Polyclonal Antibody, Unconjugated (bs-12910R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Generously provided by Markus Linder from Medical University Vienna as part of the Bioss Discovery Program. Formalin-fixed, paraffin embedded, and decalcified in EDTA mouse osteosarcoma labeled with Anti-Phospho-c-Fos (Ser362) Polyclonal Antibody, Unconjugated

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

(bs-12910R) at 1:100 followed by conjugation to the secondary antibody and DAB staining