

bs-1730R**[Primary Antibody]****phospho-Src (Tyr529) Rabbit pAb****Bioss**
ANTIBODIES

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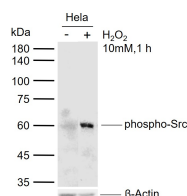
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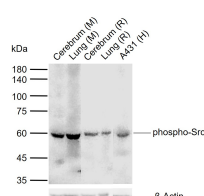
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— DATASHEET —

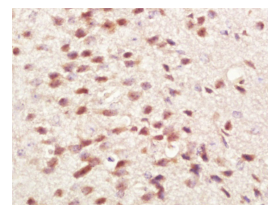
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 20779	SWISS: P05480	
Target: Src (Tyr529)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from mouse Src around the phosphorylation site of Tyr529: YF(p-T)S.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat
Concentration: 1mg/ml		Predicted MW.: 61 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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: This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Lane 1: Normal Human HeLa cell lysates
 Lane 2: HeLa treated with H₂O₂ at 10mM for 1 h
 Primary: Anti-phospho-Src (Tyr529) (bs-1730R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61Da Observed band size: 60Da



Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Mouse Lung tissue lysates Lane 3 Rat Cerebrum tissue lysates Lane 4 Rat Lung tissue lysates Lane 5 Human A431 cell lysates Primary: Anti-phospho-Src (Tyr529) (bs-1730R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61Da Observed band size: 60Da



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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-Src(Tyr529)) Polyclonal Antibody, Unconjugated (bs-1730R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=11]** Hao Li. et al. Somatic PDGFRB activating variants promote smooth muscle cell phenotype modulation in intracranial fusiform aneurysm. J BIOMED SCI. 2024 Dec;31(1):1-17 IF ;Mouse. 38741091