bs-10604R

[Primary Antibody]

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SRC Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 6714 **SWISS:** P12931

Target: SRC

Immunogen: KLH conjugated synthetic peptide derived from human Src:

151-250/536.

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: 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]

Applications: WB (1:500-2000)

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

Reactivity: Human, Mouse, Rat

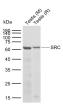
(predicted: Rabbit, Pig, Cow, Chicken, Dog)

Predicted 61 kDa

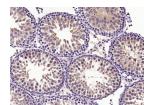
Subcellular Cell membrane, Cytoplasm

Location: , Nucleus

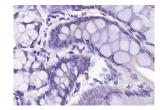
VALIDATION IMAGES



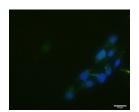
Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Rat Testis tissue lysates Primary: Anti-SRC (bs-10604R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kDa Observed band size: 61 kDa



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (SRC) Polyclonal Antibody, Unconjugated (bs-10604R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat colon); 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 (SRC) Polyclonal Antibody, Unconjugated (bs-10604R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (SRC) polyclonal Antibody, Unconjugated (bs-10604R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat

Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.
 SELECTED CITATIONS [IF=1.26] Zhao et al. Unfractionated heparin protects the protein C system against lipopolysaccharide-induced damagein vivoandin vitro. (2017) Exp.Ther.Med. 14:5515-5522 WB; Human. 29285085