

c-Src (phospho-Y418) polyclonal antibody

Catalog: BS4675

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The major translational products of each of the eight members of the Src gene family identified to date are membrane-associated tyrosine protein kinases that lack transmembrane and external amino acid sequences, thereby distinguishing this group from the receptor class of tyrosine kinases. Members of this group include c-Src, c-Yes, Fyn, Lck, Lyn, Blk and c-Fgr. The major Src gene encoded protein, c-Src (also designated pp60Src, Src p60 and proto-oncogene tyrosine protein kinase Src) is expressed in a broad range of tissue and cell types, although the highest levels of c-Src are detected in neuronal tissues and platelets. c-Src may play a role in events associated with both neuronal differentiation and maintenance of mature neuronal cell functions.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P12931

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

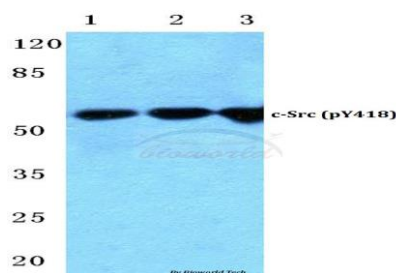
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-c-Src (Y418) polyclonal antibody detects endogenous levels of c-Src protein when phosphorylated at Tyr418. (removal of the initiator methionine)

DATA:



Western blot (WB) analysis of p-SRC (Y418) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane2: Raw264.7 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane3: PC12 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Note:

For research use only, not for use in diagnostic procedure.

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