
c-Src Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251505

Unit: 0.1 mg

Description:

Proto-oncogene tyrosine-protein kinase Src (c-Src) is a non-receptor protein tyrosine kinase that plays pivotal roles in numerous cellular processes such as proliferation, migration, and transformation. In concert with PTK2B, c-Src plays an important role in osteoclastic bone resorption. Both the formation of a SRC-PTK2B complex, and c-SRC kinase activity are necessary for this function. Once it is recruited to the activated integrins by PTK2B, c-Src phosphorylates CBL which in turn induces the activation and recruitment of phosphatidylinositol 3-kinase to the cell membrane in a signaling pathway that is critical for osteoclast function. C-Src promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R, D, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: SRC; Proto-oncogene tyrosine-protein kinase Src; pp60c-src; p60-Src; c-Src; SRC1

Accession No.: P12931

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human c-SRC.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.