

## CSK Rabbit Anti-Human C-SRC Tyrosine Kinase pAb

Catalog No. CSI10173 Quantity: 50 μl

CSI10174 200 μl

Alternate Names: Proto-oncogene tyrosine-protein kinase Src, p60-Src, pp60c-src

**Description:** c-Src (proto-oncogene tyrosine-protein kinase Src) is a 60 kD tyrosine protein kinase

family containing both SH2 and SH3 domains. c-Src is expressed at high levels in differentiated cells including neurons, platelets, macrophages, many tumors. c-Src is a lipid-modified signaling molecule (myristolyated) involved in cell-cell interactions, cell migration, and proliferation through the phosphorylation of many substrates including  $\beta$ -catenin, paxillin, and vinculin. Phosphorylation of c-Src on Tyr-526 by Csk (c-Src kinase) represses activity; c-Src is activated by phospholipase D, insulin-like growth factor receptor, EGF-receptor, fibroblast growth factor receptor, and prolactin receptor binding. c-Src has been shown to be phosphorylated on multiple sites and to interact with polyoma virus middle T antigen, PYK2, HSP72, and caveolin. The Poly6054 antibody recognizes the N-terminal region of human and mouse c-Src and has been shown to be

useful for Western blotting.

**Gene ID:** 1445

Host: Rabbit

Immunogen: Recombinant (partial), N-terminal

**Isotype:** Rabbit IgG

Clone: Poly6054

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09%

sodium azide and 50% glycerol. Precaution: Sodium azide is a poisonous and hazardous

substance which should be handled by trained staff only.

**Purification:** The antibody was purified by antigen-affinity chromatography.

Reactivity: Mouse, Human

Applications: Western Blot

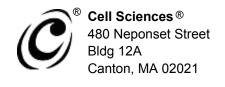
Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting,

suggested working dilution(s): Use 10  $\mu$ l per 5 ml antibody dilution buffer for each minigel. It is recommended that the reagent be titrated for optimal performance for each

application.

Storage & Stability: Upon receipt, store frozen at -20°C. Avoid repeated freeze-thaw cycles.

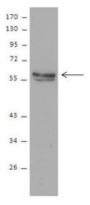
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HepG2 whole cell extracts were resolved by electrophoresis, transferred to nitrocellulose, and probed with purified polyclonal anti-c-Src antibody (clone Poly6054). Proteins were visualized using a donkey anti-rabbit-lgG secondary conjugated to HRP and chemiluminescence detection.



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