

CSK

Reactivity:Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:50kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CSK

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MGC117393

Catalog #:A0735

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1445

Isotype:IgG

Swiss Prot:P41240

Purity:Affinity purification

For research use only.

Background:

CSK(Tyrosine-protein kinase CSK) is also named as C-Src kinase, protein-tyrosine kinase CYL and belongs to the protein kinase superfamily. Csk is a non-receptor tyrosine kinase with a molecular mass of 50 kDa. It contains the SH3 and SH2 domains in its N-terminus and a kinase domain in its C-terminus. It negatively regulates the kinase activity of SFKs and plays an important role in physiological functions via signaling pathways for cell proliferation, differentiation, adhesion, and migration(PMID:23548896). Csk may play a role in tumor suppression by inhibiting the oncogenic activity of SFKs. Indeed, overexpression of Csk can inhibit tumor growth of human colon cancer cells(PMID:23139636). This protein can be autophosphorylated(PMID:11181701). This antibody is specific to CSK.

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