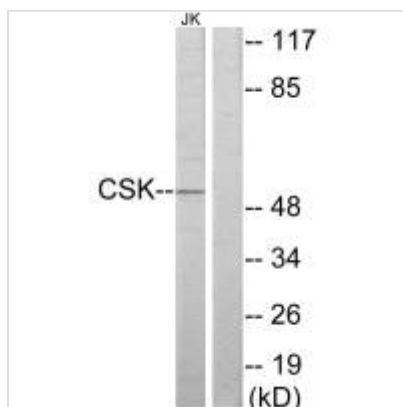




CSK Antibody

Product Code	CSB-PA283003
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P41240
Immunogen	Synthesized peptide derived from internal of Human CSK.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total CSK protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:3000,IF:1:100-1:500
Relevance	Non-receptor tyrosine-protein kinase that plays an important role in the regulation of cell growth, differentiation, migration and immune response. Phosphorylates tyrosine residues located in the C-terminal tails of Src-family kinases (SFKs) including LCK, SRC, HCK, FYN, LYN or YES1. Upon tail phosphorylation, Src-family members engage in intramolecular interactions between the phosphotyrosine tail and the SH2 domain that result in an inactive conformation. To inhibit SFKs, CSK is recruited to the plasma membrane via binding to transmembrane proteins or adapter proteins located near the plasma membrane. Suppresses signaling by various surface receptors, including T-cell receptor (TCR) and B-cell receptor (BCR) by phosphorylating and maintaining inactive several positive effectors such as FYN or LCK. Partanen J., Oncogene 6:2013-2018(1991). Braeuninger A., Proc. Natl. Acad. Sci. U.S.A. 88:10411-10415(1991). Brauninger A., Gene 110:205-211(1992).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Tyrosine-protein kinase CSK; EC 2.7.10.2; C-SRC kinase; Protein-tyrosine kinase CYL; CSK
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CSK
Image	



Western blot analysis of extracts from Jurkat cells, using CSK antibody.



Immunofluorescence analysis of A549 cells, using CSK antibody.