



Csk Polyclonal Antibody

E20-71132**Catalog Number:**E20-71132**Amount:**100ul**Applications:**WB;IF;ELISA**Reactivity:**Human;Mouse;Rat**Target:**Csk**Fields:**>>Epithelial cell signaling in Helicobacter pylori infection**Gene Name:**CSK**Protein Name:**Tyrosine-protein kinase CSK**Human Gene Id:**1445**Human Swiss Prot No:**P41240**Mouse Gene Id:**12988**Mouse Swiss Prot No:**P41241**Rat Gene Id:**315707**Rat Swiss Prot No:**P32577**Immunogen:**The antiserum was produced against synthesized peptide derived from N-terminal human CSK. AA range:31-80**Specificity:**Csk Polyclonal Antibody detects endogenous levels of Csk protein.**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.**Source:**Polyclonal, Rabbit,IgG**Dilution:**WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Concentration:**1 mg/ml**Storage Stability:**-15°C to -25°C/1 year(Do not lower than -25°C)**Other Name:**CSK;Tyrosine-protein kinase CSK;C-Src kinase;Protein-tyrosine kinase CYL**Observed Band(KD):**55kD

Background:catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate., function:Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.,PTM:Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain., similarity:Contains 1 SH3 domain.,subcellular location:Mainly cytoplasmic, also present in lipid rafts., subunit:Interacts with PTPN8 (By similarity). Interacts with phosphorylated SIT1, PAG1, LIME1 and TGFB111.,tissue specificity:Expressed in lung and macrophages.,

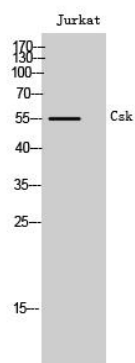
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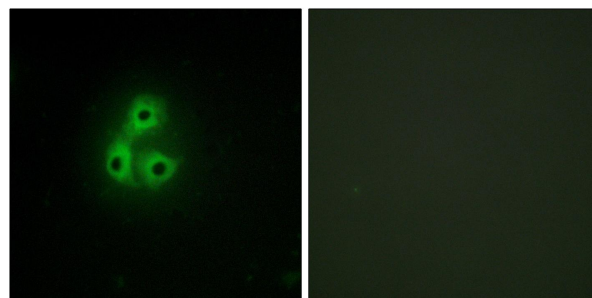
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Subcellular Location:Cytoplasm . Cell membrane . Mainly cytoplasmic, also present in lipid rafts.

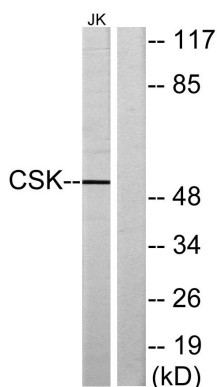
Expression:Expressed in lung and macrophages.



Western Blot analysis of Jurkat cells using Csk Polyclonal Antibody.



Immunofluorescence analysis of A549 cells, using CSK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using CSK Antibody. The lane on the right is blocked with the synthesized peptide.