

CSK (pS364) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51626

Specification

CSK (pS364) Antibody - Product Information

Application	WB, E
Primary Accession	P41240
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50 KDa

CSK (pS364) Antibody - Additional Information

Gene ID 1445

Other Names

Tyrosine-protein kinase CSK, C-Src kinase, Protein-tyrosine kinase CYL, CSK

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CSK (pS364) Antibody - Protein Information

Name CSK

Function

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, CSK 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.

Cellular Location

Cytoplasm. Cell membrane. Note=Mainly cytoplasmic, also present in lipid rafts

Tissue Location

Expressed in lung and macrophages.

CSK (pS364) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSK (pS364) Antibody - Images

CSK (pS364) Antibody - Background

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CSK (pS364) Antibody - References

- Partanen J., et al. *Oncogene* 6:2013-2018(1991).
Braeuninger A., et al. *Proc. Natl. Acad. Sci. U.S.A.* 88:10411-10415(1991).
Brauninger A., et al. *Gene* 110:205-211(1992).
Braeuninger A., et al. *Oncogene* 8:1365-1369(1993).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.