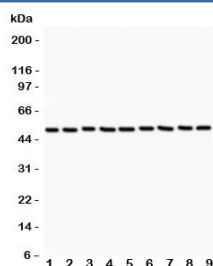


CSK Antibody (R31527)

Catalog No.	Formulation	Size
R31527	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	1445
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This CSK antibody is available for research use only.



Western blot testing of CSK antibody (0.5ug/ml) and Lane 1: rat testis; 2: (r) thymus; 3: mouse liver; 4: human HeLa; 5: (h) Jurkat; 6: (h) A549; 7: (h) MCF-7; 8: (m) NIH3T3; 9: (m) Neuro-2a lysate. Predicted molecular weight: ~50kDa.



Western blot testing of CSK antibody and recombinant human protein (0.5ng)

Description

CSK is a non-receptor protein tyrosine kinase protein that in humans is encoded by the CSK gene. It is mapped to 15q24.1. CSK suppresses activity of the Src family of protein kinases by phosphorylation of family members at a conserved C-terminal site in Src. CSKs control of the Src family activity is widely thought to be central to regulation of the immune response. It can downregulate tyrosine kinase activity of the Src oncoprotein through tyrosine phosphorylation of the carboxy terminus. Since cell transformation by Src oncoproteins is caused by various mechanisms that interfere with this phosphorylation, the gene might function as an antioncogene.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CSK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 2-204) was used as the immunogen for this CSK antibody.

Storage

After reconstitution, the CSK antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.