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Datasheet for ABIN1679381
anti-CSK antibody (AA 241-450)

2 Images

Overview

Quantity:	100 µg
Target:	CSK
Binding Specificity:	AA 241-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 241-450 of human CSK (NP_004374.1).
Sequence:	TQLRHSNLVQ LLGVIVEEKG GLYIVTEYMA KGSLVDYLRG RGRSVLGGDC LLKFSLDVCE AMEYLEGNMF VHRDLAARNV LVSEDNVAKV SDFGLTKEAS STQDTGKLPV KWTAPEALRE KKFSTKSDVW SFGILLWEIY SFGRVPYPRI PLKDVVPRVE KGYKMDAPDG CPPAVVEVMK NCWHLDAAMR PSFLQLREQL EHIKTHELHL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

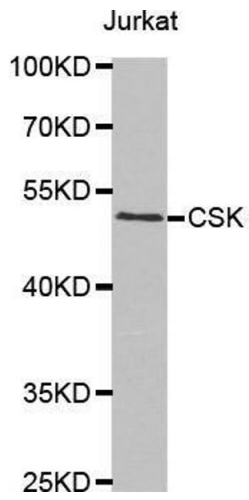
Target:	CSK
Alternative Name:	CSK (CSK Products)
Background:	<p>Non-receptor tyrosine-protein kinase that plays an important role in the regulation of cell growth, differentiation, migration and immune response. Phosphorylates tyrosine residues located in the C-terminal tails of Src-family kinases (SFKs 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.,CSK,Signal Transduction,Kinase,Tyrosine kinases,Immunology & Inflammation,B Cell Receptor Signaling Pathway,CSK</p>
Molecular Weight:	50 kDa
Gene ID:	1445
UniProt:	P41240
Pathways:	TCR Signaling , EGFR Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

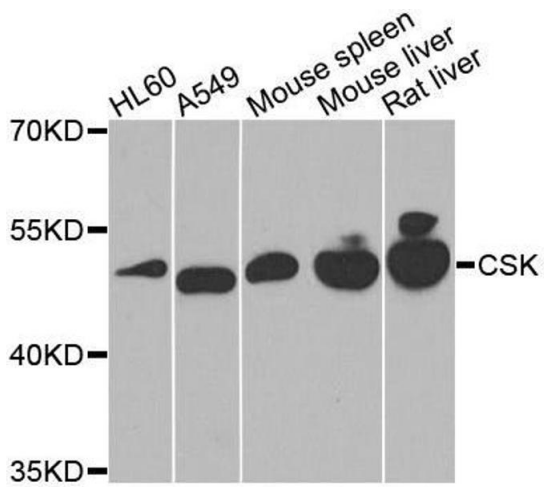
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Jurkat cells tissue, using CSK antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CSK antibody.