

Datasheet for ABIN6243609
anti-CSK antibody (AA 164-197)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	CSK
Binding Specificity:	AA 164-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CSK antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 164-197 amino acids from the Central region of human CSK.
Clone:	RB50499
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CSK
Alternative Name:	CSK (CSK Products)
Background:	Non-receptor tyrosine-protein kinase that plays an important role in the regulation of cell

Target Details

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.

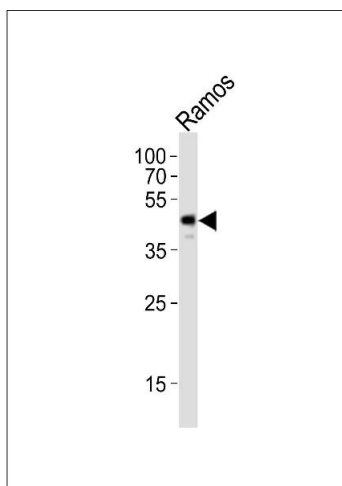
Molecular Weight:	50704
UniProt:	P41240
Pathways:	TCR Signaling , EGFR Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of lysate from Ramos cell line, using CSK Antibody (Center) (ABIN6243609 and ABIN6577902). (ABIN6243609 and ABIN6577902) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.