

Datasheet for ABIN6243610
anti-CSK antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	CSK
Binding Specificity:	AA 17-51, N-Term
Reactivity:	Human, Mouse, Rat
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 17-51 amino acids from the N-terminal region of human CSK.
Clone:	RB50498
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: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

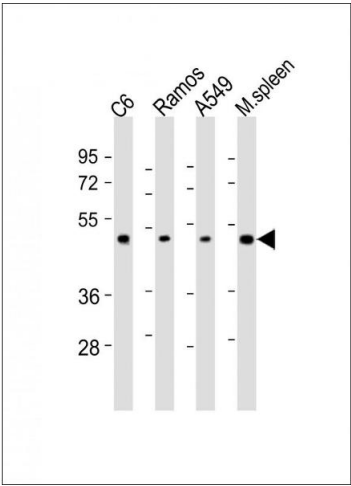
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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. All lanes : Anti-CSK Antibody (N-term) at 1:2000 dilution Lane 1: C6 whole cell lysates Lane 2: Ramos whole cell lysates Lane 3: A549 whole cell lysates Lane 4: mouse spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.