

Datasheet for ABIN1714136
anti-CSK antibody (AA 301-400)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CSK
Binding Specificity:	AA 301-400
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Chicken,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	CSK
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Target Details

Alternative Name:	CSK (CSK Products)
Background:	<p>Synonyms: C SRC, C SRC kinase, C src Tyrosine Kinase, C-SRC kinase, c-src tyrosine kinase, Csk A, CSK, CSK_HUMAN, CYTOPLASMIC TYROSINE KINASE, EC 2.7.10.2, MGC112926, MGC117393, MGC154049, P60 Src, Protein tyrosine kinase CYL, Protein-tyrosine kinase CYL, Proto oncogene tyrosine protein kinase, Tyrosine protein kinase CSK, Tyrosine-protein kinase CSK, zgc:154049.</p> <p>Background: All members of the Src gene family of tyrosine kinases are characterized by a carboxy terminal domain tyrosine which is highly phosphorylated in the inactive form of the enzyme and phosphorylated to a much lesser extent when the enzyme is active. In the case of Src p60, Y527 is this tyrosine, however, a mutant form of c-Src in which Y527 is replaced by phenylalanine is transforming and displays 5- to 10-fold elevated kinase activity compared to its normal counterpart. Csk has been identified as a Src-related tyrosine kinase having both SH2 and SH3 domains and a catalytic domain but lacking sequences amino terminal to the SH3 domain as well as carboxy terminal regulatory sequences. Csk phosphorylates Src on Y527 and also downregulates Lyn, Fyn and Lck by tyrosine phosphorylation of carboxy terminal regulatory sites.</p>
Gene ID:	1445
UniProt:	P41240
Pathways:	TCR Signaling , EGFR Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events

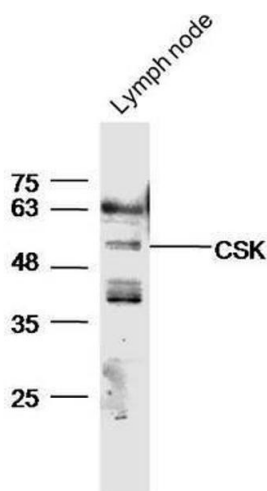
Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Mouse lymph node lysates probed with Anti-CSK Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.