

Datasheet for ABIN3042764
anti-CSK antibody (AA 2-204)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CSK
Binding Specificity:	AA 2-204
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Tyrosine-protein kinase CSK(CSK) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human CSK recombinant protein (Position: S2-G204). Human CSK shares 99% amino acid (aa) sequences identity with both mouse and rat CSK.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Tyrosine-protein kinase CSK(CSK) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: c-src tyrosine kinase</p> <p>Protein Name: Tyrosine-protein kinase CSK</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	CSK
Alternative Name:	CSK (CSK Products)
Background:	<p>CSK also known as C-Src kinase, 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 Src family members at a conserved C-terminal site in Src. Csk's control of the Src family activity is widely thought to be central to regulation of the immune response. CSK can downregulate tyrosine kinase activity of the SRC oncoprotein through tyrosine phosphorylation of the SRC carboxy terminus. Since cell transformation by SRC oncoproteins is caused by various mechanisms that interfere with this phosphorylation, the CSK gene might function as an antioncogene.</p> <p>Synonyms: C SRC antibody C SRC kinase antibody C src Tyrosine Kinase antibody C-SRC kinase antibody c-src tyrosine kinase antibody Csk A antibody CSK antibody CSK_HUMAN antibody CYTOPLASMIC TYROSINE KINASE antibody EC 2.7.10.2 antibody MGC112926 antibody MGC117393 antibody MGC154049 antibody P60 Src antibody Protein tyrosine kinase CYL antibody Protein-tyrosine kinase CYL antibody Proto oncogene tyrosine protein kinase antibody Tyrosine protein kinase CSK antibody Tyrosine protein kinase CSK antibody Tyrosine-protein kinase CSK antibody zgc:154049 antibody</p>
Gene ID:	1445
UniProt:	P41240
Pathways:	TCR Signaling , EGFR Signaling Pathway , Cell-Cell Junction Organization , CXCR4-mediated Signaling Events

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat, The detection limit for CSK is approximately 0.25 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Application Details

Restrictions: For Research Use only

Handling

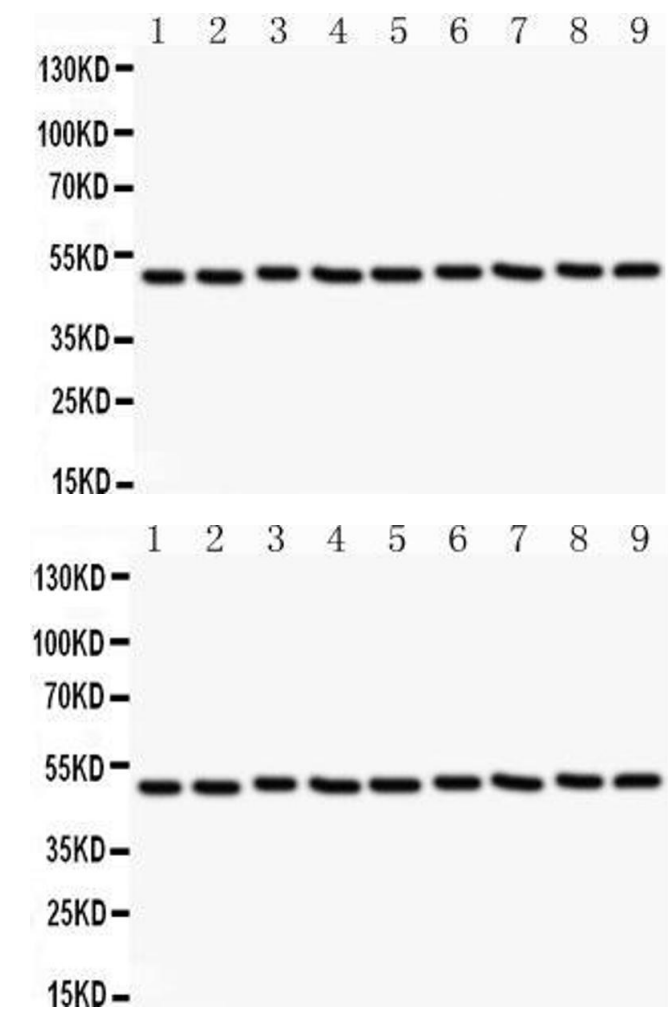
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Anti-CSK Picoband antibody, All lanes: Anti CSK at 0.5ug/ml WB: Recombinant Human CSK Protein 0.5ng
Predicted bind size: 47KD Observed bind size: 47KD



Western Blotting

Image 2.

Western Blotting

Image 3. Anti-CSK Picoband antibody, All lanes: Anti CSK at 0.5ug/ml Lane 1: Rat Testis Tissue Lysate at 50ug Lane 2: Rat Thymus Tissue Lysate at 50ug Lane 3: Mouse Liver Tissue Lysate at 50ug Lane 4: HELA Whole Cell Lysate at 40ug Lane 5: JURKAT Whole Cell Lysate at 40ug Lane 6: A549 Whole Cell Lysate at 40ug Lane 7: MCF-7 Whole Cell Lysate at 40ug Lane 8: NIH3T3 Whole Cell Lysate at 40ug Lane 9: NEURO Whole Cell Lysate at 40ug Predicted bind size: 51KD Observed bind size: 51KD