

## Rabbit CSK Polyclonal Antibody | anti-CSK antibody

Anti-CSK Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA45667  | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

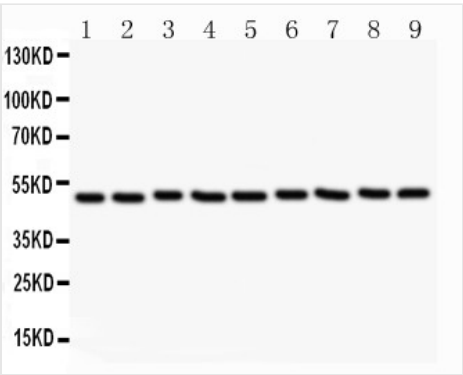
### PRODUCT SYNONYMS

CSK; Polyclonal Antibody; Anti-CSK Antibody; Tyrosine-protein kinase CSK; c-src tyrosine kinase; 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; zgc:154049 antibody; anti-CSK antibody

### PRODUCT SPECIFICATIONS

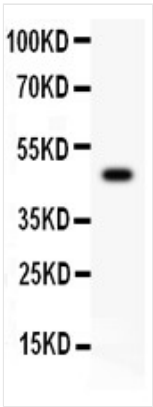
|                                               |                                                                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                               |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                                                                           |
| Isotype                                       | IgG                                                                                                                                                                                                  |
| Purity/Purification                           | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                   | Lyophilized                                                                                                                                                                                          |
| Sequence Length                               | 450                                                                                                                                                                                                  |
| Applicable Applications for anti-CSK antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                        |
| 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.                                               |
| Contents                                      | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                                  |
| Reconstitution                                | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                 |
| Preparation and Storage                       | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

IMAGES



Application Data

Anti-CSK Picoband antibody, AAA45667-2.jpgAll lanes: Anti CSK (AAA45667) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: Rat Thymus Tissue Lysate at 50ugLane 3: Mouse Liver Tissue Lysate at 50ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugLane 6: A549 Whole Cell Lysate at 40ugLane 7: MCF-7 Whole Cell Lysate at 40ugLane 8: NIH3T3 Whole Cell Lysate at 40ugLane 9: NEURO Whole Cell Lysate at 40ugPredicted bind size: 51KDObserved bind size: 51KD



Application Data

Anti-CSK Picoband antibody, AAA45667-1.jpgAll lanes: Anti CSK (AAA45667) at 0.5ug/mlWB: Recombinant Human CSK Protein 0.5ngPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-CSK antibody

**Description:** Rabbit IgG polyclonal antibody for Tyrosine-protein kinase CSK(CSK) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

**Background:** 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.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 729887                                                                 |
| NCBI GeneID                      | 1445                                                                   |
| UniProt Accession #              | P41240; Q2M3N2; Q6FGZ6                                                 |
| Molecular Weight                 | 50,704 Da                                                              |
| NCBI Official Full Name          | Tyrosine-protein kinase CSK                                            |
| NCBI Official Synonym Full Names | c-src tyrosine kinase                                                  |
| NCBI Official Symbol             | CSK                                                                    |
| NCBI Protein Information         | tyrosine-protein kinase CSK; C-Src kinase; protein-tyrosine kinase CYL |
| UniProt Protein Name             | Tyrosine-protein kinase CSK                                            |
| UniProt Gene Name                | CSK                                                                    |
| UniProt Entry Name               | CSK_HUMAN                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.