

Goat anti-CSK, Biotinylated Antibody

Peptide-affinity purified goat antibody Catalog # AF4435a

Specification

Goat anti-CSK, Biotinylated Antibody - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality

WB, IHC, Pep-ELISA
P41240
NP_004374.1
Human, Mouse, Rat, Dog, Bovine
Goat
Polyclonal
50704

Goat anti-CSK, Biotinylated Antibody - Additional Information

Gene ID 1445

Calculated MW

Other Names

CSK; c-src tyrosine kinase; C-Src kinase; protein-tyrosine kinase CYL

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Reported variants represent identical protein: NP 004374.1, NP 001120662.1

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

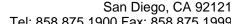
Goat anti-CSK, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-CSK, Biotinylated Antibody - Protein Information

Name CSK

Function

Non-receptor tyrosine-protein kinase that plays an important role in the regulation of cell 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, CSK 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.

Cellular Location

Cytoplasm. Cell membrane. Note=Mainly cytoplasmic, also present in lipid rafts

Tissue Location

Expressed in lung and macrophages.

Goat anti-CSK, Biotinylated Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat anti-CSK, Biotinylated Antibody - Images