

## **Csk Polyclonal Antibody**

Catalog No: YT1131

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: Csk

**Fields:** >>Epithelial cell signaling in Helicobacter pylori infection

Gene Name: CSK

**Protein Name:** Tyrosine-protein kinase CSK

Human Gene ld: 1445

**Human Swiss Prot** 

P41240

No:

Mouse Gene ld: 12988

**Mouse Swiss Prot** 

P41241

No:

**Rat Gene Id:** 315707

Rat Swiss Prot No: P32577

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

CSK. AA range:330-379

**Specificity:** Csk Polyclonal Antibody detects endogenous levels of Csk protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

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**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 50kD

Cell Pathway: Chemokine; Neurotrophin; Regulates Actin and Cytoskeleton; Epithelial cell

signaling in Helicobacter pylori infection;

**Background :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine

phosphate., function: Specifically phosphorylates 'Tyr-504' on LCK, which acts as

a negative regulatory site. Can also act on the LYN and FYN

kinases.,PTM:Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr

protein kinase family. CSK subfamily., similarity: Contains 1 protein kinase domain., similarity: Contains 1 SH2 domain., similarity: Contains 1 SH3 domain., subcellular location: Mainly cytoplasmic, also present in lipid

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Subcellular Location:

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

**Expression:** Expressed in lung and macrophages.

Tag: orthogonal

**Sort :** 4617

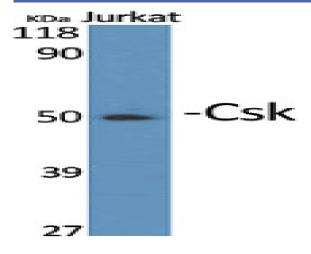


**No4**: 1

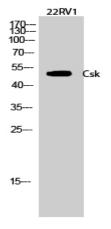
**Host:** Rabbit

Modifications: Unmodified

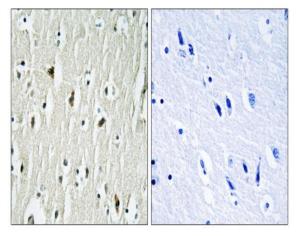
## **Products Images**



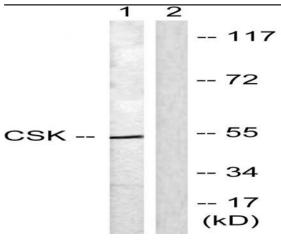
Western Blot analysis of various cells using Csk Polyclonal Antibody diluted at 1:1000



Western Blot analysis of 22RV1 cells using Csk Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CSK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Raw264.7 cells, treated with UV 5', using CSK Antibody. The lane on the right is blocked with the synthesized peptide.