



Csk Polyclonal Antibody

Catalog No	BYab-14713
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CSK
Protein Name	Tyrosine-protein kinase CSK
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CSK; Tyrosine-protein kinase CSK; C-Src kinase; Protein-tyrosine kinase CYL
Observed Band	50kD
Cell Pathway	Cytoplasm . Cell membrane . Mainly cytoplasmic, also present in lipid rafts. .
Tissue Specificity	Expressed in lung and macrophages.
Function	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 rafts.,subunit:Interacts with PTPN8 (By similarity). Interacts with phosphorylated SIT1, PAG1, LIME1 and TGFB1I1.,tissue specificity:Expressed in lung and

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macrophages.,

Background

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matters needing attention

Avoid repeated freezing and thawing!

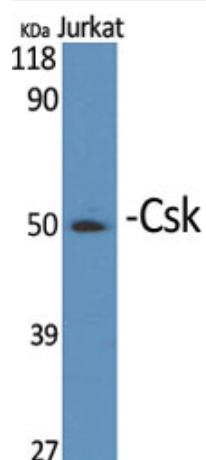
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

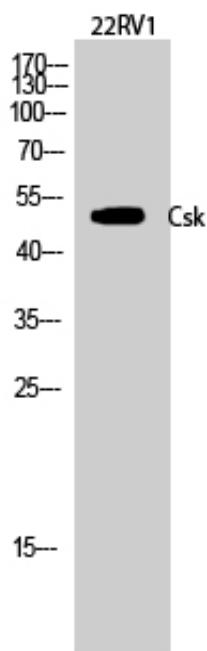
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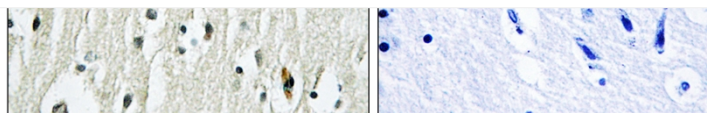
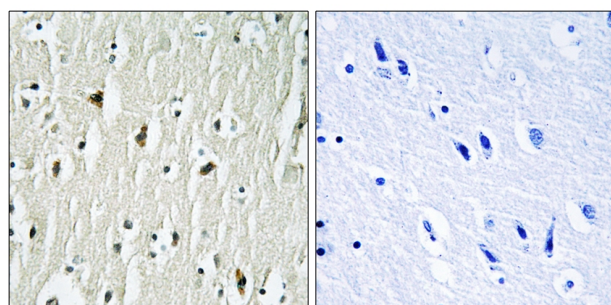
Products Images



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



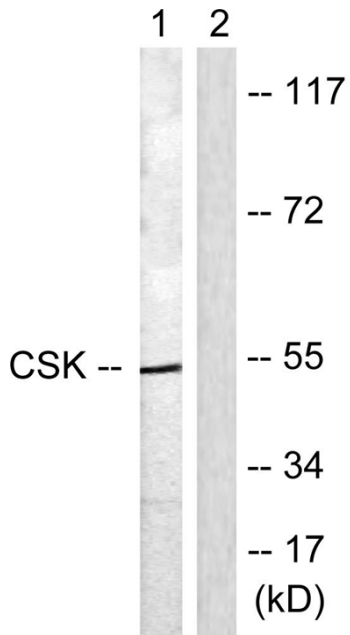
on the right is blocked with the synthesized peptide.

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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.