

Csk (Phospho Ser364) Rabbit pAb

CatalogNo: YP0296 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 55kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000**IHC 1:100-1:300****ELISA 1:10000****IF 1:50-200**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Csk around the phosphorylation site of Ser364. AA range: 330-379

Specificity

Phospho-Csk (S364) Polyclonal Antibody detects endogenous levels of Csk protein only when phosphorylated at S364. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KFsTK

Target Information

Gene name CSK

Protein Name Tyrosine-protein kinase CSK

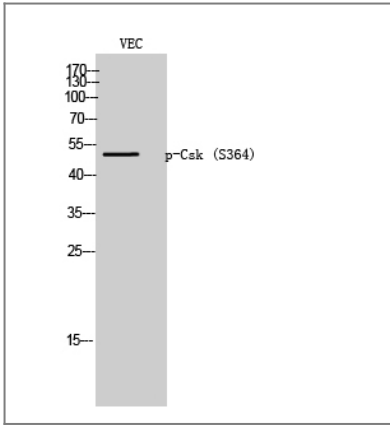
Organism	Gene ID	UniProt ID
Human	1445 ;	P41240 ;
Mouse	12988 ;	P41241 ;
Rat	315707 ;	P32577 ;

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

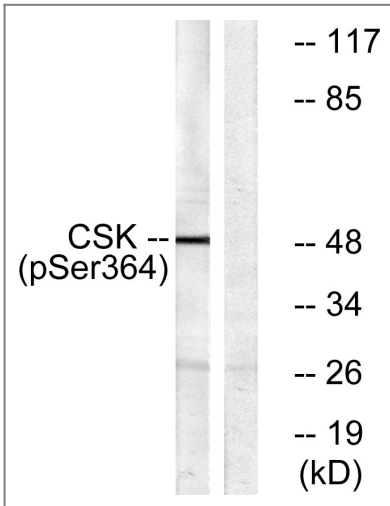
Tissue specificity Expressed in lung and macrophages.

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 TGFB11.,tissue specificity:Expressed in lung and macrophages.,

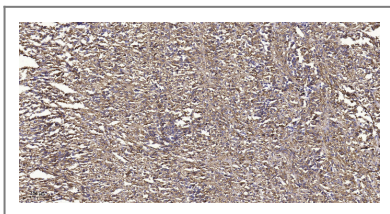
Validation Data



Western Blot analysis of VEC cells using Phospho-Csk (S364) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells treated with PMA 125ng/ml 30', using Csk (Phospho-Ser364) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200 (4°C overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C,20min). 3,Secondary antibody was diluted at 1:200

Contact information

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