

## Csk (phospho Ser364) Polyclonal Antibody

Catalog No: YP0296

**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** 

**Prot** P41240

No:

Mouse Gene ld: 12988

**Mouse Swiss Prot** 

**Prot** P41241

No:

**Rat Gene Id:** 315707

Rat Swiss Prot No: P32577

**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.

**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: 1:10000.. 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: 55kD

**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

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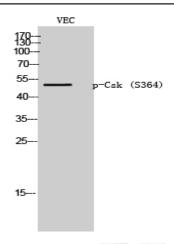
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Subcellular Location : Cytoplasm . Cell membrane . Mainly cytoplasmic, also present in lipid rafts. .

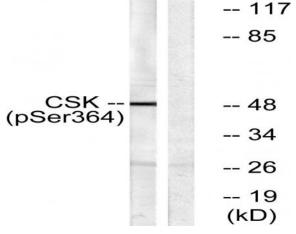
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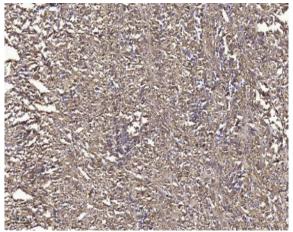
## **Products Images**



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° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200