

A0735

Leader in Biomolecular Solutions for Life Science



## CSK Rabbit pAb

Catalog No.: A0735

### Basic Information

**Observed MW**

51kDa

**Calculated MW**

51kDa

**Category**

Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse

### Background

The protein encoded by this gene is involved in multiple pathways, including the regulation of Src family kinases. It plays an important role in T-cell activation through its association with the protein encoded by the protein tyrosine phosphatase, non-receptor type 22 (PTPN22) gene. This protein also phosphorylates C-terminal tyrosine residues on multiple substrates, including the protein encoded by the SRC proto-oncogene, non-receptor tyrosine kinase gene. Phosphorylation suppresses the kinase activity of the Src family tyrosine kinases. An intronic polymorphism (rs34933034) in this gene has been found to affect B-cell activation and is associated with systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

**Gene ID**

1445

**Swiss Prot**

P41240

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human CSK (NP\_001120662.1).

**Synonyms**

CSK

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

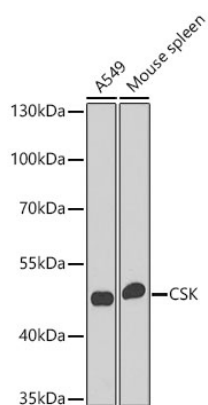
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using CSK Rabbit pAb (A0735) at 1:1000 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection:ECL Enhanced Kit (RM00021).  
Exposure time: 90s.