

Phospho-S6K2 (Ser371) Rabbit mAb

Catalog No: #52100

Package Size: #52100-1 50ul #52100-2 100ul

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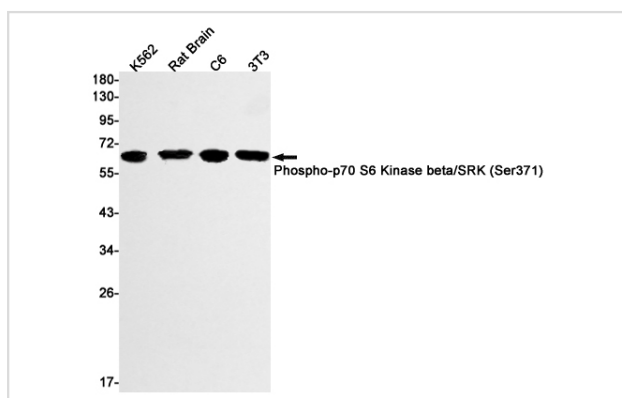
Description

| | |
|-----------------------|---|
| Product Name | Phospho-S6K2 (Ser371) Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S01-4A5 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | A synthetic phosphopeptide corresponding to residues surrounding Ser371 of human P70 S6 Kinase beta |
| Conjugates | Unconjugated |
| Modification | Phosphorylated |
| Other Names | SRK;p70 S6 kinase beta;p70 S6K-beta;p70 S6KB;p70-beta;P70S6K2 |
| Accession No. | Swiss-Prot:Q9UBS0GeneID:6199 |
| Uniprot | Q9UBS0 |
| GeneID | 6199 |
| Calculated MW | Calculated MW: 54 kDa; Observed MW: 60 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Application Details

WB: 1/1000

Images



Western blot detection of Phospho-p70 S6 Kinase beta/SRK (Ser371) in K562, Rat Brain, C6, 3T3 cell lysates using Phospho-p70 S6 Kinase beta/SRK (Ser371) Rabbit mAb(1:1000 diluted). Predicted band size: 54kDa. Observed band size: 60kDa.

Background

Swiss-Prot Acc.Q9UBS0. Phosphorylates specifically ribosomal protein S6 (PubMed:29750193).

Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7

Note: This product is for in vitro research use only