

p70 S6 Kinase 2 Rabbit pAb

Catalog No.: A1541

Basic Information

Observed MW

63kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains a kinase catalytic domain and phosphorylates the S6 ribosomal protein and eukaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

6199

Swiss Prot

Q9UBS0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human p70 S6 Kinase 2 (NP_003943.2).

Synonyms

KLS; SRK; S6K2; S6KB; STK14B; S6KI(2); S6Kbeta; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta; p70 S6 Kinase 2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

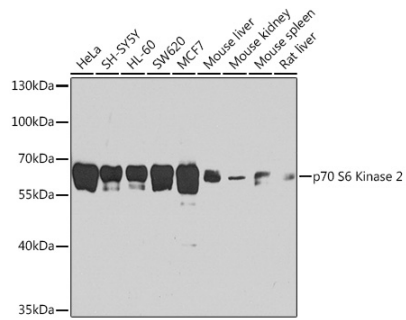
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using p70 S6 Kinase 2 antibody (A1541) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.