

p70 S6 Kinase 1 Rabbit pAb

Catalog No.: A0447

Basic Information

Catalog No.

A0447

Observed MW

Calculated MW

51kDa/52kDa/56kDa/59kDa

Category

Primary antibody

Applications

IHC

Cross-Reactivity

Rat

Background

This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17.

Recommended Dilutions

IHC 1:50 - 1:100

Immunogen Information

Gene ID

6198

Swiss Prot

P23443

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-352 of human RPS6KB1 (NP_003152.1).

Synonyms

PS6K;S6K;S6K-beta-1;S6K1;STK14A;p70 S6KA;p70(S6K)-alpha;p70-S6K;p70-alpha;P70 S6K;RPS6KB1;p70S6KA

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

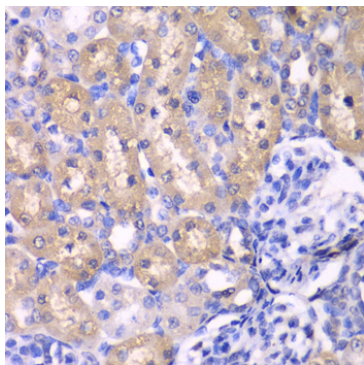
Affinity purification

Storage

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

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

Validation Data



Immunohistochemistry of paraffin-embedded rat kidney using p70 S6 Kinase 1 1 antibody (A0447) at dilution of 1:100 (40x lens).