p70 S6 kinase α (phospho Ser371) Polyclonal Antibody

Catalog No: #13641

Package Size: #13641-1 50ul #13641-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	p70 S6 kinase α (phospho Ser371) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-p70 S6 kinase α (S371) Polyclonal Antibody detects endogenous levels of p70 S6 kinase α protein only when phosphorylated at S371.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of Ser371. AA range:337-386
Other Names	RPS6KB1; STK14A; Ribosomal protein S6 kinase beta-1; S6K-beta-1; S6K1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; p70-S6K 1; Ribosomal protein S6 kinase I; Serine/threonine-protein kinase 14A; p70 ribosomal S6 kinase alpha; p70 S6 kinas
Accession No.	Swiss Prot:P23443GeneID:6198
Uniprot	P23443
GeneID	6198
SDS-PAGE MW	60
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

ribosomal protein S6 kinase B1(RPS6KB1) Homo sapiens 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. [provided by RefSeq, Jan 2013],

Note: This product is for in vitro research use only