

p70 S6 kinase α (phospho-Ser371) Polyclonal Antibody

Catalog No: #13641

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

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Description

Product Name	p70 S6 kinase α (phospho-Ser371) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF;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
Conjugates	Unconjugated
Target Name	p70 S6 kinase α
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:P23443GenelD: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

WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:20000; IF 1:50-200

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 and is not intended for use in humans or animals.