

## RPS6KB2 Conjugated Antibody

Catalog No: #C37792



Package Size: #C37792-AF350 100ul #C37792-AF405 100ul #C37792-AF488 100ul  
 #C37792-AF555 100ul #C37792-AF594 100ul #C37792-AF647 100ul  
 #C37792-AF680 100ul #C37792-AF750 100ul #C37792-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	RPS6KB2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RPS6KB2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human ribosomal protein S6 kinase, 70kDa, polypeptide 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KLS; SRK; S6K2; STK14B; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta
Accession No.	Swiss-Prot#:Q9UBS0NCBI Gene ID:6199NCBI mRNA#:NCBI Protein#:NP_071395
Uniprot	Q9UBS0
GeneID	6199;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	53
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Background

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This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.

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Note: This product is for in vitro research use only