

RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Conjugated Antibody

Catalog No: #C11753

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

Package Size: #C11753-AF350 100ul #C11753-AF405 100ul #C11753-AF488 100ul

#C11753-AF555 100ul #C11753-AF594 100ul #C11753-AF647 100ul

#C11753-AF680 100ul #C11753-AF750 100ul #C11753-Biotin 100ul

Description

Product Name	RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of RSK1/2/3/4 only when phosphorylated at serine 221/227/218/232.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 221/227/218/232(A-Y-S(p)-F-C) derived from Human RSK1/2/3/4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KS6A1;KS6AA;MAPKAP-K1a;RSK1
Accession No.	Swiss-Prot#:Q15418/P51812/Q15349/Q9UK32NCBI Gene ID:6195/6197/6196/27330NCBI mRNA#:NM_002953.3. NCBI Protein#:NP_002944.2.
Uniprot	Q15418
GeneID	6195;
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	85
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

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 various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway.

Note: This product is for in vitro research use only