

Phospho-RPS6KA1(S363) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP3461a

Product Information

Application	WB, DB, E
Primary Accession	Q15418
Other Accession	P10666 , P10665 , P18652
Reactivity	Human
Predicted	Chicken, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB13296

Additional Information

Other Names	Ribosomal protein S6 kinase alpha-1, S6K-alpha-1, 90 kDa ribosomal protein S6 kinase 1, p90-RSK 1, p90RSK1, p90S6K, MAP kinase-activated protein kinase 1a, MAPK-activated protein kinase 1a, MAPKAP kinase 1a, MAPKAPK-1a, Ribosomal S6 kinase 1, RSK-1, RPS6KA1, MAPKAPK1A, RSK1
Target/Specificity	This RPS6KA1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S363 of human RPS6KA1.
Dilution	WB~~1:1000 DB~~1:500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Phospho-RPS6KA1(S363) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

RSK1 is 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.

References

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Bohuslav, J., et al., J. Biol. Chem. 279(25):26115-26125 (2004).

Hu, Y., et al., J. Biol. Chem. 279(28):29325-29335 (2004).

Fernando, R.I., et al., Mol. Biol. Cell 15(7):3266-3284 (2004).

Cavet, M.E., et al., J. Biol. Chem. 278(20):18376-18383 (2003).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.