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RPS6KA6

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22471a

Product Information

Application	WB, E
Primary Accession	Q9UK32
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Clone Names	R05772P
Calculated MW	83872

Additional Information

Gene ID	27330
Other Names	Ribosomal protein S6 kinase alpha-6, S6K-alpha-6, 2.7.11.1, 90 kDa ribosomal protein S6 kinase 6, p90-RSK 6, p90RSK6, Ribosomal S6 kinase 4, RSK-4, pp90RSK4, RPS6KA6, RSK4
Target/Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
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	RPS6KA6 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPS6KA6
Synonyms	RSK4
Function	Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis.

Cellular Location Cytoplasm, cytosol. Nucleus. Note=Predominantly cytosolic

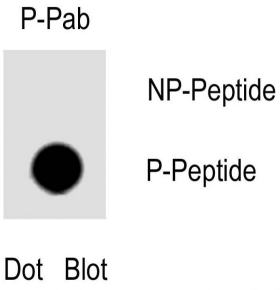
Background

Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis.

References

Yntema H.G.,et al.Genomics 62:332-343(1999).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ross M.T.,et al.Nature 434:325-337(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Dot blot analysis of Phospho-RPS6KA6 Sheet1!N3488 (Cat.) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antobodies working concentration was 0. 5ug per ml.

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