

**RPS6KA6 antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22414a**

**Specification**

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**RPS6KA6 antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UK32</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	83872

**RPS6KA6 antibody - 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~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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**

RPS6KA6 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**RPS6KA6 antibody - 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

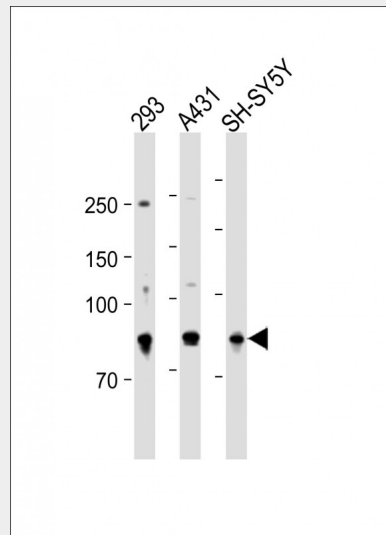
Cytoplasm, cytosol. Nucleus. Note=Predominantly cytosolic

#### RPS6KA6 antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### RPS6KA6 antibody - Images



All lanes: Anti-RPS6KA6 antibody at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: A431 whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 84 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### RPS6KA6 antibody - 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.

#### RPS6KA6 antibody - 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.