

## Product datasheet for **TA325828**

### **S6K1 (RPS6KB1) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:500-1:2000; IHC: 1:50-1:200; IF/ICC: 1:100-1:500
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Modifications:</b>	Phospho-specific
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The antiserum was produced against A synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of Threonine 389/412
<b>Formulation:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	70 kDa
<b>Gene Name:</b>	ribosomal protein S6 kinase B1
<b>Database Link:</b>	<a href="#">NP_001258971</a> <a href="#">Entrez Gene 72508 MouseEntrez Gene 83840 RatEntrez Gene 6198 Human P23443</a>
<b>Background:</b>	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 several residues of the S6 ribosomal protein.
<b>Synonyms:</b>	p70 S6KA; p70(S6K)-alpha; p70-alpha; p70-S6K; PS6K; S6K; S6K-beta-1; S6K1; STK14A

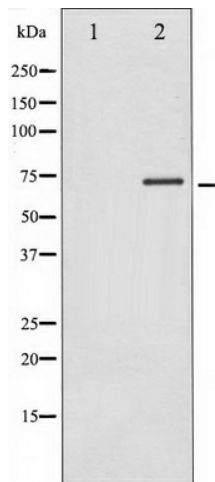


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**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** Acute myeloid leukemia, ErbB signaling pathway, Fc gamma R-mediated phagocytosis, Insulin signaling pathway, mTOR signaling pathway, TGF-beta signaling pathway

**Product images:**



Western blot analysis of p70 S6 Kinase phosphorylation expression in Insulin treated Jurkat whole cell lysates, The lane on the left is treated with the antigen-specific peptide.