

# Rabbit Anti-Human p70 S6 Kinase (S6K) Polyclonal Antibody

Cat. No. CPBT-Y0065RH Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Rabbit Anti-Human p70 S6 Kinase (S6K) Polyclonal Antibody
<b>Species</b>	Human
<b>Source</b>	Rabbit
<b>specificity</b>	p70 S6 kinase
<b>Target</b>	RPS6KB2
<b>Immunogen</b>	peptide (C-FPMISKRPEHLRMNL) corresponding to residues 511-525 of rat S6 kinase
<b>Isotype</b>	IgG
<b>species</b>	Human
<b>Cross Reactivity</b>	H, M, R
<b>Purification</b>	Protein A chromatography
<b>Applications</b>	WB
<b>Storage</b>	2 years at -20°C

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**Size** 200 µg

## GENE INFORMATION

**Gene Name** [RPS6KB2 ribosomal protein S6 kinase, 70kDa, polypeptide 2 \[ Homo sapiens \]](#)

**Official Symbol** RPS6KB2

**Synonyms** RPS6KB2; ribosomal protein S6 kinase, 70kDa, polypeptide 2; ribosomal protein S6 kinase, 70kD, polypeptide 2; ribosomal protein S6 kinase beta-2; KLS; P70 BETA; p70S6Kb; STK14B; P70S6K2; S6K-beta; p70 S6KB; p70-S6K 2; S6K-beta-2; p70 S6K-beta; p70 S6 kinase beta; S6 kinase-related kinase; p70 ribosomal S6 kinase beta; serine/threonine-protein kinase 14B; 70 kDa ribosomal protein S6 kinase 2; serine/threonine-protein kinase 14 beta; SRK; S6K2; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta;

**Gene ID** [6199](#)

**mRNA Refseq** [NM\\_003952](#)

**Protein Refseq** [NP\\_003943](#)

**MIM** [608939](#)

**UniProt ID** [Q9UBS0](#)

**Chromosome Location** 11q13.1

**Pathway** AKT phosphorylates targets in the nucleus, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved

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biosystem; Adaptive Immune System, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;

**Function**

ATP binding; nucleotide binding; peptide binding; protein kinase activity; protein serine/threonine kinase activity; ribosomal protein S6 kinase activity;

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