



# Rsk-1/2/3/4 rabbit pAb

Cat No.:ES7085

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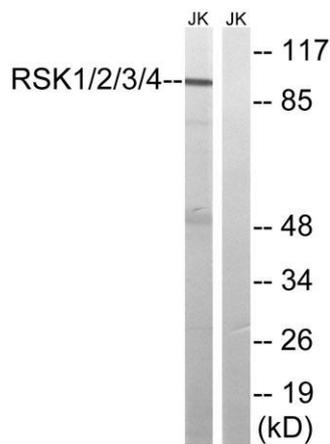
## Overview

<b>Product Name</b>	Rsk-1/2/3/4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RSK1/2/3/4. AA range:191-240
<b>Specificity</b>	Rsk-1/2/3/4 Polyclonal Antibody detects endogenous levels of Rsk-1/2/3/4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ribosomal protein S6 kinase alpha-1
<b>Gene Name</b>	RPS6KA1
<b>Cellular localization</b>	Nucleus. Cytoplasm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	90kD
<b>Human Gene ID</b>	6195/6197/6196/27330
<b>Human Swiss-Prot Number</b>	Q15418/P51812/Q15349/Q9UK32
<b>Alternative Names</b>	RPS6KA1; MAPKAPK1A; RSK1; 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; MAPKAP
<b>Background</b>	ribosomal protein S6 kinase A1(RPS6KA1) Homo sapiens This gene encodes 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from Jurkat cells, using RSK1/2/3/4 Antibody. The lane on the right is blocked with the synthesized peptide.

