

**RSK3 rabbit pAb****Cat#: orb771432 (Manual)**

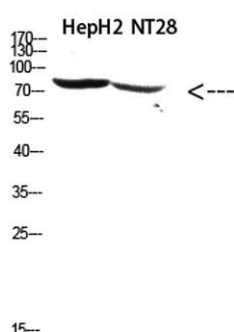
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<b>Product Name</b>	RSK3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 330-400
<b>Specificity</b>	The antibody detects endogenous RSK3 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, 90kDa, polypeptide 2; hypothetical LOC100127984
<b>Gene Name</b>	RPS6KA2 MAPKAPK1C RSK3
<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

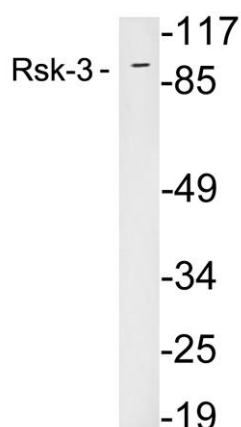
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	6196
<b>Human Swiss-Prot Number</b>	Q15349
<b>Alternative Names</b>	RPS6KA2 MAPKAPK1C RSK3

### Background

ribosomal protein S6 kinase A2(RPS6KA2) Homo sapiens This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains two non-identical 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. Alternative splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jan 2016],



Western Blot analysis of hepg2, NT28 cells using Antibody diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from 293 cells, using Rsk-3 antibody.



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