



# Rsk-4 rabbit pAb

Cat No.:ES3398

For research use only

## Overview

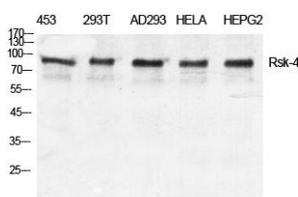
<b>Product Name</b>	Rsk-4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human S6K-alpha6. AA range:661-710
<b>Specificity</b>	Rsk-4 Polyclonal Antibody detects endogenous levels of Rsk-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-6
<b>Gene Name</b>	RPS6KA6
<b>Cellular localization</b>	Cytoplasm, cytosol . Nucleus . Predominantly cytosolic.
<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>	84kD
<b>Human Gene ID</b>	27330
<b>Human Swiss-Prot Number</b>	Q9UK32
<b>Alternative Names</b>	RPS6KA6; RSK4; Ribosomal protein S6 kinase alpha-6; S6K-alpha-6; 90 kDa ribosomal protein S6 kinase 6; p90-RSK 6; p90RSK6; Ribosomal S6 kinase 4; RSK-4; pp90RSK4
<b>Background</b>	ribosomal protein S6 kinase A6(RPS6KA6) Homo sapiens This gene encodes a member of



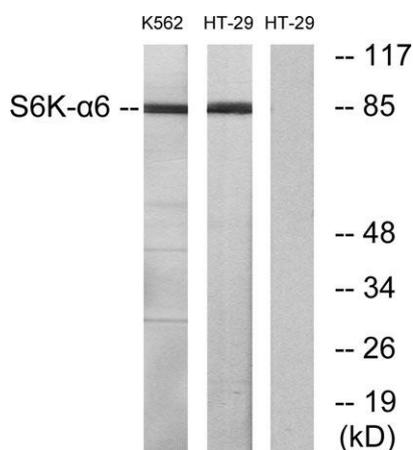
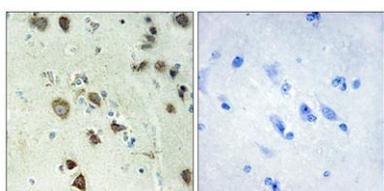


ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways. [provided by RefSeq, Jan 2010],

Western Blot analysis of various cells using Rsk-4 Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using S6K-alpha6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 and HT-29 cells, using S6K-alpha6 Antibody. The lane on the right is blocked with the synthesized peptide.

