

## RPS6KA4 rabbit monoclonal antibody

Catalog # H00008986-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human RPS6KA4 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human RPS6KA4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human RPS6KA4 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li></ol>

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RPS6KA4

Entrez GeneID	<a href="#">8986</a>
GeneBank Accession#	<a href="#">RPS6KA4</a>
Gene Name	RPS6KA4
Gene Alias	MSK2, RSK-B
Gene Description	ribosomal protein S6 kinase, 90kDa, polypeptide 4
Omim ID	<a href="#">603606</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinase s. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various subst rates, including CREB1 and c-fos. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq
Other Designations	mitogen- and stress-activated protein kinase 2 ribosomal protein S6 kinase alpha 4 ribosomal pr otein S6 kinase, 90kD, polypeptide 4 ribosomal protein kinase B

## Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)