

# Product Datasheet

## RSK3 Antibody (1F6) - Azide and BSA Free H00006196-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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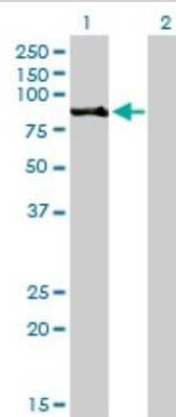
**H00006196-M01**

RSK3 Antibody (1F6) - Azide and BSA Free

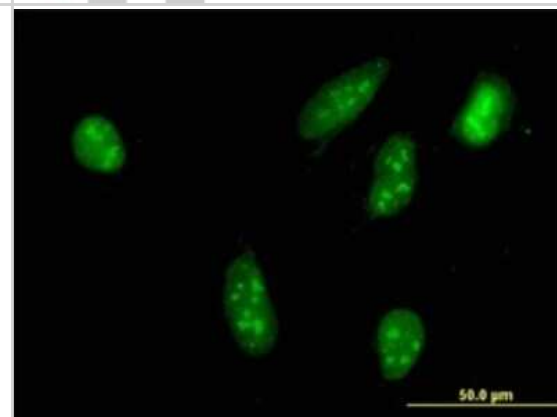
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1F6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	6196
<b>Gene Symbol</b>	RPS6KA2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 23913705). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	RPS6KA2 (1F6)
<b>Immunogen</b>	RPS6KA2 (AAH02363, 631 a.a. ~ 733 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YALSGGNWDSISDAAKDVVSKMLHVDPHQRLTAMQVLKHPWVVNREYLSPNQ LSRQDVHLVKGAMAATYFALNRTQPAPRLEPVLSSNLAQRRGMKRLTSTRL
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against recominant protein and cell lysate for WB. It has been used for IF, IHC-P, RNAi Validation and ELISA.

## Images

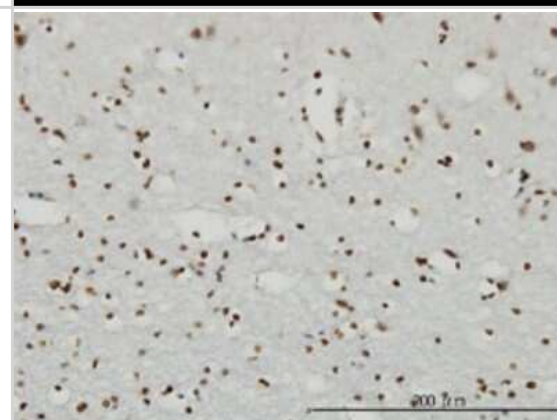
Western Blot: RSK3 Antibody (1F6) [H00006196-M01] - Analysis of RPS6KA2 expression in transfected 293T cell line by RPS6KA2 monoclonal antibody (M01), clone 1F6. Lane 1: RPS6KA2 transfected lysate (83.2 KDa). Lane 2: Non-transfected lysate.



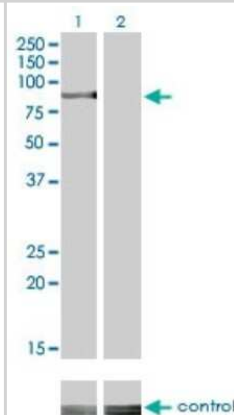
Immunocytochemistry/Immunofluorescence: RSK3 Antibody (1F6) [H00006196-M01] - Analysis of monoclonal antibody to RPS6KA2 on HeLa cell. Antibody concentration 10 ug/ml.



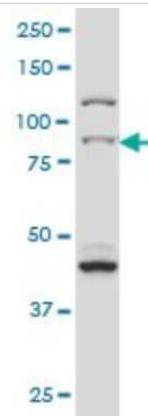
Immunohistochemistry-Paraffin: RSK3 Antibody (1F6) [H00006196-M01] - Analysis of monoclonal antibody to RPS6KA2 on formalin-fixed paraffin-embedded human cerebral cortex. Antibody concentration 3 ug/ml.



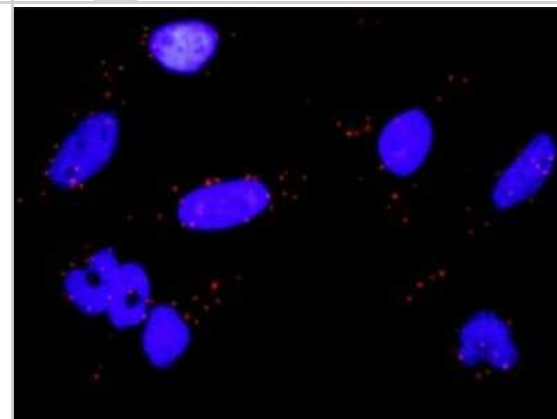
Western Blot: RSK3 Antibody (1F6) [H00006196-M01] - Analysis of RPS6KA2 over-expressed 293 cell line, cotransfected with RPS6KA2 Validated Chimera RNAi ( Cat # H00006196-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with RPS6KA2 monoclonal antibody (M01) clone 1F6 (Cat # H00006196-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: RSK3 Antibody (1F6) [H00006196-M01] - RPS6KA2 monoclonal antibody (M01), clone 1F6 Analysis of RPS6KA2 expression in HeLa S3 NE.



Proximity Ligation Assay: RSK3 Antibody (1F6) [H00006196-M01] - Analysis of protein-protein interactions between MAPK3 and RPS6KA2. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-RPS6KA2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



## Publications

Passariello CL, Gayanilo M, Kritzer MD et al. p90 ribosomal S6 kinase 3 contributes to cardiac insufficiency in alpha-tropomyosin Glu180Gly transgenic mice. *Am J Physiol Heart Circ Physiol.* 2013-10-01 [PMID: 23913705] (Mouse)



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### **Products Related to H00006196-M01**

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NB800-PC9	HeLa Nuclear Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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