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- Expressversand

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# RPS6KA2 Antibody - middle region : HRP (ARP56170\_P050-HRP)

Data Sheet

<b>Product Number</b>	ARP56170_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/rps6ka2-antibody-middle-region-hrp-arp56170-p050-hrp.html">www.avivasysbio.com/rps6ka2-antibody-middle-region-hrp-arp56170-p050-hrp.html</a>
<b>Name</b>	RPS6KA2 Antibody - middle region : HRP (ARP56170_P050-HRP)
<b>Protein Size (# AA)</b>	733 amino acids
<b>Molecular Weight</b>	81kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	6196
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Ribosomal protein S6 kinase, 90kDa, polypeptide 2
<b>Alias Symbols</b>	RSK, HU-2, RSK3, p90RSK2, p90-RSK3, pp90RSK3, MAPKAPK1C, S6K-alpha, S6K-alpha2
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">LSRQDVHLVKGAMAATYFALNRTPOAPRLEPVLSSNLAQRRGMKRLTSTR</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Wissing,J., (2007) Mol. Cell Proteomics 6 (3), 537-547
<b>Description of Target</b>	RPS6KA2 is a serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB. This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
<b>Protein Interactions</b>	MAPK3; MAPK1; RPS6KA1; HSP90AA1; FLNC; CSNK2B; STXBP2; NQO2; UBC; RPS6KA2; JUN; FOS; SHANK1; BAD; MAGI1; LICAM; MAP2K1; CREB1; CREBBP;
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-RPS6KA2 (ARP56170_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-RPS6KA2 (ARP56170_P050-HRP) antibody is <a href="#">Catalog # AAP56170</a> (Previous Catalog # AAPP37943)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human RPS6KA2
<b>Uniprot ID</b>	<a href="#">Q15349</a>
<b>Protein Name</b>	Ribosomal protein S6 kinase alpha-2
<b>Protein Accession #</b>	<a href="#">NP_066958</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_021135</a>
<b>Gene Symbol</b>	<a href="#">RPS6KA2</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 86%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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