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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56170_P050-Biotin
Product Page	www.avivasysbio.com/rps6ka2-antibody-middle-region-biotin-arp56170-p050-biotin.html
Name	RPS6KA2 Antibody - middle region : Biotin (ARP56170_P050-Biotin)
Protein Size (# AA)	733 amino acids
Molecular Weight	81kDa
Conjugation	Biotin
NCBI Gene Id	6196
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein S6 kinase, 90kDa, polypeptide 2
Alias Symbols	RSK, HU-2, RSK3, p90RSK2, p90-RSK3, pp90RSK3, MAPKAPK1C, S6K-alpha, S6K-alpha2
Peptide Sequence	Synthetic peptide located within the following region: LSRQDVHLVKGAMAATYFALNRTPOAPRLEPVLSSNLAQRRGMKRLTSTR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wissing,J., (2007) Mol. Cell Proteomics 6 (3), 537-547
Description of Target	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.
Protein Interactions	MAPK3; MAPK1; RPS6KA1; HSP90AA1; FLNC; CSNK2B; STXBP2; NQO2; UBC; RPS6KA2; JUN; FOS; SHANK1; BAD; MAGI1; LICAM; MAP2K1; CREB1; CREBBP;
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for anti-RPS6KA2 (ARP56170_P050-Biotin) antibody
Blocking Peptide	For anti-RPS6KA2 (ARP56170_P050-Biotin) antibody is Catalog # AAP56170 (Previous Catalog # AAPP37943)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPS6KA2
Uniprot ID	Q15349
Protein Name	Ribosomal protein S6 kinase alpha-2
Protein Accession #	NP_066958
Purification	Affinity Purified
Nucleotide Accession #	NM_021135
Gene Symbol	RPS6KA2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

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

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

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