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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	ARP53565_P050-FITC
Product Page	www.avivasysbio.com/grk4-antibody-middle-region-fitc-arp53565-p050-fitc.html
Name	GRK4 Antibody - middle region : FITC (ARP53565_P050-FITC)
Protein Size (# AA)	532 amino acids
Molecular Weight	59kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2868
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	G protein-coupled receptor kinase 4
Alias Symbols	IT11, GPRK4, GRK4a, GPRK2L
Peptide Sequence	Synthetic peptide located within the following region: QSRFVVSLAYAYETKDALCLVLTIMNGGDLKFHIYNLGNPGFDEQRAVFY
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Staessen, J.A., (er) Hypertension (2008) In press
Description of Target	GRK4 is a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating its deactivation. GRK4 has been linked to both genetic and acquired hypertension. This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating its deactivation. This gene has been linked to both genetic and acquired hypertension.
Protein Interactions	HSP90AA1; UBC; NEDD4; IKBKKG; FSHR; CALM1; BDKRB2;
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-GRK4 (ARP53565_P050-FITC) antibody
Blocking Peptide	For anti-GRK4 (ARP53565_P050-FITC) antibody is Catalog # AAP53565 (Previous Catalog # AAP532805)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GRK4
Uniprot ID	P32298
Protein Name	G protein-coupled receptor kinase 4
Protein Accession #	NP_001004057
Purification	Affinity Purified
Nucleotide Accession #	NM_001004057
Gene Symbol	GRK4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 79%; Rabbit: 100%; Rat: 93%; 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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