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Produktinformation



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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	ARP54750_P050-FITC
Product Page	www.avivasysbio.com/grk5-antibody-middle-region-fitc-arp54750-p050-fitc.html
Name	GRK5 Antibody - middle region : FITC (ARP54750_P050-FITC)
Protein Size (# AA)	590 amino acids
Molecular Weight	68kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2869
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	G protein-coupled receptor kinase 5
Alias Symbols	GPRK5, FP2025
Peptide Sequence	Synthetic peptide located within the following region: FYAAEILCGLEDLHRENTVYRDLKPENILLDDYGHIRISDLGLAVKIQEG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Liggett,S.B., (2008) Nat. Med. 14 (5), 510-517
Description of Target	GRK5 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 their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). 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 their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	TBXA2R; USP47; C1QBP; YWHAB; XRCC5; UBTf; UBC; TUFM; NR2F1; TCOF1; SRPK1; SPTBN1; SPTAN1; SMARCA1; SKP1; SRSF1; RPL4; RPL3; RBMS1; PSMD11; PSMD2; PSMC6; PSMC2; PSMC1; PRKDC; PPP2R2A; PNN; PIP4K2A; PIP; NFIB; NCL; NCBP1; MYO9B; MYO1C; MYH10; MYH9; MYCN; MA
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-GRK5 (ARP54750_P050-FITC) antibody
Blocking Peptide	For anti-GRK5 (ARP54750_P050-FITC) antibody is Catalog # AAP54750 (Previous Catalog # AAPP31545)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GRK5
Uniprot ID	P34947
Protein Name	G protein-coupled receptor kinase 5
Protein Accession #	NP_005299
Purification	Affinity Purified
Nucleotide Accession #	NM_005308
Gene Symbol	GRK5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish

Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Yeast: 79%; Zebrafish: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

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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