



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP54750_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/grk5-antibody-middle-region-hrp-arp54750-p050-hrp.html">www.avivasysbio.com/grk5-antibody-middle-region-hrp-arp54750-p050-hrp.html</a>
Name	GRK5 Antibody - middle region : HRP (ARP54750_P050-HRP)
Protein Size (# AA)	590 amino acids
Molecular Weight	68kDa
Conjugation	HRP: Horseradish Peroxidase
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: <a href="#">FYAAEILCGLEDLHRENTVYRDLKPENILLDDYGHIRISDLGLAVKIPEG</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 <a href="#">anti-GRK5 (ARP54750_P050-HRP) antibody</a>
Blocking Peptide	For anti-GRK5 (ARP54750_P050-HRP) antibody is <a href="#">Catalog # AAP54750</a> (Previous Catalog # AAPP31545)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GRK5
Uniprot ID	<a href="#">P34947</a>
Protein Name	G protein-coupled receptor kinase 5
Protein Accession #	<a href="#">NP_005299</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005308</a>
Gene Symbol	<a href="#">GRK5</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB, IHC

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Yeast: 79%; Zebrafish: 86%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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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