



# 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

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

Product Number	ARP55011_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/pik3r5-antibody-n-terminal-region-biotin-arp55011-p050-biotin.html">www.avivasysbio.com/pik3r5-antibody-n-terminal-region-biotin-arp55011-p050-biotin.html</a>
Name	PIK3R5 Antibody - N-terminal region : Biotin (ARP55011_P050-Biotin)
Protein Size (# AA)	880 amino acids
Molecular Weight	97kDa
Subunit	5
Conjugation	Biotin
NCBI Gene Id	23533
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphoinositide-3-kinase, regulatory subunit 5
Alias Symbols	p101, FOAP-2, P101-PI3K, F730038I15Rik
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">HRFLTWPVPYCSICQELLTFIDAELKAPGISYQRLVRAEQGLPIRSHRSS</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Johnson,C., (2007) Oncogene 26 (49), 7049-7057
Description of Target	Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit. Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit (Brock et al., 2003 [PubMed 12507995]).[supplied by OMIM]. Sequence Note: removed 2 bases from the 3' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-3253 AF128881.1 1-3253
Protein Interactions	APP; UBC; SDHB; PIK3CG;
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-PIK3R5 (ARP55011_P050-Biotin) antibody</a>
Blocking Peptide	For anti-PIK3R5 (ARP55011_P050-Biotin) antibody is <a href="#">Catalog # AAP55011</a> (Previous Catalog # AAPP32272)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PIK3R5
Uniprot ID	<a href="#">Q8WYR1</a>
Protein Name	Phosphoinositide 3-kinase regulatory subunit 5
Protein Accession #	<a href="#">NP_055123</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_014308</a>
Gene Symbol	<a href="#">PIK3R5</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 92%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
<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.

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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