



# 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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<b>Product Number</b>	ARP57170_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/agk-antibody-n-terminal-region-hrp-arp57170-p050-hrp.html">www.avivasysbio.com/agk-antibody-n-terminal-region-hrp-arp57170-p050-hrp.html</a>
<b>Name</b>	AGK Antibody - N-terminal region : HRP (ARP57170_P050-HRP)
<b>Protein Size (# AA)</b>	422 amino acids
<b>Molecular Weight</b>	47kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	55750
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Acylglycerol kinase
<b>Alias Symbols</b>	MULK, CATC5, CTRCT38, MTDPS10
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">KKLLELMENTDVIIVAGGDTLQEVVTVGLRRIDEATFSKIPIGFIPLGE</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	AGK is a lipid kinase that can phosphorylate both monoacylglycerol and diacylglycerol to form lysophosphatidic acid (LPA) and phosphatidic acid (PA), respectively. AGK does not phosphorylate sphingosine. Overexpression of AGK increases the formation and secretion of LPA, resulting in transactivation of EGFR and activation of the downstream MAPK signaling pathway, leading to increased cell growth.
<b>Protein Interactions</b>	PCSK9; UBC; RNF2; BMI1; PARK2; FBXO6; UBD; CUL3; AGO4; RYK; ICT1; SNX4; PDLIM1; HCK;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-AGK (ARP57170_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-AGK (ARP57170_P050-HRP) antibody is <a href="#">Catalog# AAP57170</a> (Previous Catalog# AAPP40822)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human AGK
<b>Uniprot ID</b>	<a href="#">Q53H12</a>
<b>Protein Name</b>	Acylglycerol kinase, mitochondrial
<b>Protein Accession #</b>	<a href="#">NP_060708</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_018238</a>
<b>Gene Symbol</b>	<a href="#">AGK</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%

**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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