



# SZABO SCANDIC

Part of Europa Biosite

## 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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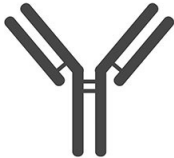
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Product Number	ARP56210_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/rtn-antibody-n-terminal-region-hrp-arp56210-p050-hrp.html">www.avivasysbio.com/rtn-antibody-n-terminal-region-hrp-arp56210-p050-hrp.html</a>
Name	RTKN Antibody - N-terminal region : HRP (ARP56210_P050-HRP)
Protein Size (# AA)	563 amino acids
Molecular Weight	63kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	6242
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Rhotekin
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">DSGPPAERSPCRGRVCISDLRIPLMWKDTEYFKNKGDLHRWAVFLLLQLG</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Sudo,K., (2007) Hum. Mutat. 28 (10), 1005-1013
Description of Target	RTKN mediates Rho signaling to activate NF-kappa-B and may confer increased resistance to apoptosis to cells in gastric tumorigenesis. RTKN may play a novel role in the organization of septin structures. This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins regulate many important cellular processes, including cytokinesis, transcription, smooth muscle contraction, cell growth and transformation. Dysregulation of the Rho signal transduction pathway has been implicated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms.
Protein Interactions	YWHAB; RHO1; APP; RHOA; UBC; TAX1BP3; SMURF1; GOPC; RAC2; TGFBR1; RHOC; RTN4R;
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-RTKN (ARP56210_P050-HRP) antibody</a>
Blocking Peptide	For anti-RTKN (ARP56210_P050-HRP) antibody is <a href="#">Catalog# AAP56210</a> (Previous Catalog# AAPP38129)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RTKN
Uniprot ID	<a href="#">Q9BST9</a>
Protein Name	Rhotekin
Protein Accession #	<a href="#">NP_001015055</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001015055</a>
Gene Symbol	<a href="#">RTKN</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: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
<b>Image 1</b>	

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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