



# 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

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<b>Product Number</b>	ARP56211_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/rtkn-antibody-middle-region-hrp-arp56211-p050-hrp.html">www.avivasysbio.com/rtkn-antibody-middle-region-hrp-arp56211-p050-hrp.html</a>
<b>Name</b>	RTKN Antibody - middle region : HRP (ARP56211_P050-HRP)
<b>Protein Size (# AA)</b>	563 amino acids
<b>Molecular Weight</b>	63kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	6242
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Rhotekin
<b>Alias Symbols</b>	-
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">IETPAPRKPPQALAKQGSLYHEMAIEPLDDIAAVTDILTQREGARLETPP</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Sudo,K., (2007) Hum. Mutat. 28 (10), 1005-1013
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	YWHAB; RHO1; APP; RHOA; UBC; TAX1BP3; SMURF1; GOPC; RAC2; TGFBR1; RHOC; RTN4R;
<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-RTKN (ARP56211_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-RTKN (ARP56211_P050-HRP) antibody is <a href="#">Catalog# AAP56211</a> (Previous Catalog# AAPP38130)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human RTKN
<b>Uniprot ID</b>	<a href="#">Q9BST9</a>
<b>Protein Name</b>	Rhotekin
<b>Protein Accession #</b>	<a href="#">NP_001015055</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_001015055</a>
<b>Gene Symbol</b>	<a href="#">RTKN</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: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
<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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