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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56211_P050-FITC
Product Page	www.avivasysbio.com/rtn-antibody-middle-region-fitc-arp56211-p050-fitc.html
Name	RTKN Antibody - middle region : FITC (ARP56211_P050-FITC)
Protein Size (# AA)	563 amino acids
Molecular Weight	63kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: IETPAPRKPPQALAKQGSLYHEMAIEPLDDIAAVTDILTQREGARLETPP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 anti-RTKN (ARP56211_P050-FITC) antibody
Blocking Peptide	For anti-RTKN (ARP56211_P050-FITC) antibody is Catalog # AAP56211 (Previous Catalog # AAPP38130)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RTKN
Uniprot ID	Q9BST9
Protein Name	Rhotekin
Protein Accession #	NP_001015055
Purification	Affinity Purified
Nucleotide Accession #	NM_001015055
Gene Symbol	RTKN
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; 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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