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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	ARP57567_P050-FITC
Product Page	www.avivasysbio.com/ric8a-antibody-n-terminal-region-fitc-arp57567-p050-fitc.html
Name	RIC8A Antibody - N-terminal region : FITC (ARP57567_P050-FITC)
Protein Size (# AA)	537 amino acids
Molecular Weight	60kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	60626
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Resistance to inhibitors of cholinesterase 8 homolog A (C. elegans)
Alias Symbols	RIC8
Peptide Sequence	Synthetic peptide located within the following region: KLTERVGLYRERSFPHDVQFFDLRLFLLLTALRTDVRQQLFQELKGVRL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	RIC8A is a guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins. RIC8A is able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. RIC8A is involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex. RIC8A also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.
Protein Interactions	NECAB2; UBQLN1; RABAC1; UBC; EFEMP1; SDCBP; NUTM1; SARNP; WDR61; DPP7; PAPSS2; EZR; UBA1; RPL38; PYGB; PLCG1; MC1R; APEX1; GNAQ; XPO1; GNAI1; UBQLN4; ZNF585B; RIC8A; MAPK8IP3; GNA13; TERF1; GNAI3; GNAI2; GNAS; GNAO1; TUBB2A;
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-RIC8A (ARP57567_P050-FITC) antibody
Blocking Peptide	For anti-RIC8A (ARP57567_P050-FITC) antibody is Catalog# AAP57567 (Previous Catalog# AAPP41738)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RIC8A
Uniprot ID	Q9NPQ8-3
Protein Name	Synembryn-A
Protein Accession #	NP_068751
Purification	Affinity Purified
Nucleotide Accession #	NM_021932
Gene Symbol	RIC8A
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; 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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