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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56515_P050-FITC
Product Page	www.avivasysbio.com/rasgrf1-antibody-middle-region-fitc-arp56515-p050-fitc.html
Name	RASGRF1 Antibody - middle region : FITC (ARP56515_P050-FITC)
Protein Size (# AA)	1273 amino acids
Molecular Weight	145kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5923
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ras protein-specific guanine nucleotide-releasing factor 1
Alias Symbols	GNRP, GRF1, CDC25, GRF55, CDC25L, H-GRF55, PP13187, ras-GRF1
Peptide Sequence	Synthetic peptide located within the following region: PMSEK GK ITRGRLGSLSLKKEGERQCFLFSKHLIICTRGSGGK LHLTKNG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a guanine nucleotide exchange factor (GEF) similar to the <i>Saccharomyces cerevisiae</i> CDC25 gene product. Functional analysis has demonstrated that this protein stimulates the dissociation of GDP from RAS protein. The studies of the similar gene in mouse suggested that the Ras-GEF activity of this protein in brain can be activated by Ca ²⁺ influx, muscarinic receptors, and G protein beta-gamma subunit. Mouse studies also indicated that the Ras-GEF signaling pathway mediated by this protein may be important for long-term memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Protein Interactions	EHD4; SNRNP70; CEBPA; ADRBK1; MYC; UBC; TNK2; YWHAE; USP8; RAC1; PRKACA; NTRK2; RRAS2; NTRK3; NTRK1; RHOA; YWHAB; PPP1R9B; MARK3; HRAS;
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-RASGRF1 (ARP56515_P050-FITC) antibody
Blocking Peptide	For anti-RASGRF1 (ARP56515_P050-FITC) antibody is Catalog# AAP56515 (Previous Catalog# AAPP44487)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RASGRF1
Uniprot ID	Q13972
Protein Name	Ras-specific guanine nucleotide-releasing factor 1
Protein Accession #	NP_002882
Purification	Affinity Purified
Nucleotide Accession #	NM_002891
Gene Symbol	RASGRF1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 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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