



# SZABO SCANDIC

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## 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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|  |   |
|--|---|
| Product Number                                 | ARP56515_P050-Biotin  |
| Product Page                                   | <a href="http://www.avivasysbio.com/rasgrf1-antibody-middle-region-biotin-arp56515-p050-biotin.html">www.avivasysbio.com/rasgrf1-antibody-middle-region-biotin-arp56515-p050-biotin.html</a>  |
| Name   | RASGRF1 Antibody - middle region : Biotin (ARP56515_P050-Biotin)  |
| Protein Size (# AA)                            | 1273 amino acids  |
| Molecular Weight                               | 145kDa  |
| Conjugation                                    | Biotin  |
| 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:<br><a href="#">PMSEKGGKITRGRLGSLSLKKEGERQCFLFSKHLIICTRGSGGKHLHLTKNG</a>  |
| 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 <sup>2+</sup> 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 <a href="#">anti-RASGRF1 (ARP56515_P050-Biotin) antibody</a>  |
| Blocking Peptide                               | For anti-RASGRF1 (ARP56515_P050-Biotin) antibody is <a href="#">Catalog# AAP56515</a> (Previous Catalog# AAPP44487)   |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human RASGRF1  |
| Uniprot ID                                     | <a href="#">Q13972</a>  |
| Protein Name                                   | Ras-specific guanine nucleotide-releasing factor 1  |
| Protein Accession #                            | <a href="#">NP_002882</a>   |
| Purification                                   | Affinity Purified   |
| Nucleotide Accession #                         | <a href="#">NM_002891</a>   |
| Gene Symbol                                    | <a href="#">RASGRF1</a>   |
| 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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