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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54753_P050-Biotin
Product Page	www.avivasysbio.com/rapgef1-antibody-c-terminal-region-biotin-arp54753-p050-biotin.html
Name	RAPGEF1 Antibody - C-terminal region : Biotin (ARP54753_P050-Biotin)
Protein Size (# AA)	1077 amino acids
Molecular Weight	120kDa
Conjugation	Biotin
NCBI Gene Id	2889
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Rap guanine nucleotide exchange factor (GEF) 1
Alias Symbols	C3G, GRF2
Peptide Sequence	Synthetic peptide located within the following region: LWAKEQNEEKSPNLTQFTEHFNNMSYWVRSIIMLQEK AQDRERLLLKFIK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Niclas,J., (2007) Exp. Cell Res. 313 (18), 3881-3891
Description of Target	RAPGEF1 is a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade protein may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. This gene encodes a human guanine nucleotide exchange factor. It transduces signals from CRK by binding the SH3 domain of CRK, and activating several members of the Ras family of GTPases. This signaling cascade that may be involved in apoptosis, integrin-mediated signal transduction, and cell transformation. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined.
Protein Interactions	UBC; MBIP; SLC20A1; ATXN1; RPS15; CRKL; CRK; CBL; GRB2; NEDD9; RHOQ; BCAR1; SHC1; RRAS2; HRAS; RAP1B; HCK; RAPIA;
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-RAPGEF1 (ARP54753_P050-Biotin) antibody
Blocking Peptide	For anti-RAPGEF1 (ARP54753_P050-Biotin) antibody is Catalog# AAP54753 (Previous Catalog # AAPP31548)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human RAPGEF1
Uniprot ID	Q13905
Protein Name	Rap guanine nucleotide exchange factor 1
Protein Accession #	NP_005303
Purification	Affinity Purified
Nucleotide Accession #	NM_005312
Gene Symbol	RAPGEF1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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