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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55073_P050-Biotin
Product Page	www.avivasysbio.com/rabgef1-antibody-n-terminal-region-biotin-arp55073-p050-biotin.html
Name	RABGEF1 Antibody - N-terminal region : Biotin (ARP55073_P050-Biotin)
Protein Size (# AA)	491 amino acids
Molecular Weight	57kDa
Conjugation	Biotin
NCBI Gene Id	27342
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	RAB guanine nucleotide exchange factor (GEF) 1
Alias Symbols	RAP1, RABEX5, rabex-5
Peptide Sequence	Synthetic peptide located within the following region: MSLKSERRGIHVVDQSDLLCKKGCGYYGNPAWQGFCSKCWREEYHKARQKQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	RABGEF1 forms a complex with rabaptin-5 (RABPT5; MIM 603616) that is required for endocytic membrane fusion, and it serves as a specific guanine nucleotide exchange factor (GEF) for RAB5 (RAB5A; MIM 179512) (Horiuchi et al., 1997 [PubMed 9323142]).
Protein Interactions	TRIM15; CIPC; ZC2HC1C; TRIM54; RABGEF1; BLOC1S6; TXN2; THOC1; DAZAP2; UBC; TEAD4; RABEP1; DGCR6; TNKS1BP1; ROCK2; SLMAP; MON1A; RNF11; MON1B; RAB21; UBE2D3; UBE2D1; RAB5A; L1CAM; EEA1; ESRI; EGFR; RAB22A; GGA1; MAPK1; HRAS; YWHAG; YWHAB; KXD1; GGA2; RNF16
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-RABGEF1 (ARP55073_P050-Biotin) antibody
Blocking Peptide	For anti-RABGEF1 (ARP55073_P050-Biotin) antibody is Catalog# AAP55073 (Previous Catalog# AAPP32682)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RABGEF1
Uniprot ID	A8K3R3
Protein Name	cDNA FLJ75284, highly similar to Homo sapiens RAB guanine nucleotide exchange factor (GEF) 1 (RABGEF1), mRNA EMBL BAF83367.1
Sample Type Confirmation	RABGEF1 is supported by BioGPS gene expression data to be expressed in HT1080
Protein Accession #	NP_055319
Purification	Affinity Purified
Nucleotide Accession #	NM_014504
Gene Symbol	RABGEF1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their bases.

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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