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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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ARHGEF3 Antibody - N-terminal region : HRP (ARP57339_P050-HRP)

Data Sheet

Product Number	ARP57339_P050-HRP
Product Page	www.avivasysbio.com/arhgef3-antibody-n-terminal-region-hrp-arp57339-p050-hrp.html
Name	ARHGEF3 Antibody - N-terminal region : HRP (ARP57339_P050-HRP)
Protein Size (# AA)	526 amino acids
Molecular Weight	57kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	50650
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Rho guanine nucleotide exchange factor 3
Alias Symbols	GEF3, STA3, XPLN
Peptide Sequence	Synthetic peptide located within the following region: VKPLSRVTS LANLIPPVKATPLKRFESQTLQRSISFRSESRPDILAPRPWS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	N/A
Description of Target	Rho-like GTPases are involved in a variety of cellular processes, and they are activated by binding GTP and inactivated by conversion of GTP to GDP by their intrinsic GTPase activity. Guanine nucleotide exchange factors (GEFs) accelerate the GTPase activity of Rho GTPases by catalyzing their release of bound GDP. This gene encodes a guanine nucleotide exchange factor, which specifically activates two members of the Rho GTPase family: RHOA and RHOB, both of which have a role in bone cell biology. It has been identified that genetic variation in this gene plays a role in the determination of bone mineral density (BMD), indicating the implication of this gene in postmenopausal osteoporosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	CEP70; TRIM27; TRIM23; UBC; SUMO4; SUMO2; RHOA; RHOB;
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-ARHGEF3 (ARP57339_P050-HRP) antibody
Blocking Peptide	For anti-ARHGEF3 (ARP57339_P050-HRP) antibody is Catalog# AAP57339
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ARHG3
Uniprot ID	Q9NR81
Protein Name	rho guanine nucleotide exchange factor 3
Purification	Affinity purified
Gene Symbol	ARHGEF3
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: 92%

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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