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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP55742_P050-Biotin
Product Page	www.avivasysbio.com/rhoc-antibody-n-terminal-region-biotin-arp55742-p050-biotin.html
Name	RHOC Antibody - N-terminal region : Biotin (ARP55742_P050-Biotin)
Protein Size (# AA)	193 amino acids
Molecular Weight	22kDa
Conjugation	Biotin
NCBI Gene Id	389
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ras homolog family member C
Alias Symbols	H9, ARH9, ARHC, RHOH9
Peptide Sequence	Synthetic peptide located within the following region: VPTVFENYIADIEVDGKQVELALWDTAGQEDYDRLRPLSYPTDVLVLMCF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sousa, J.F. (er) BMC Cancer 8, 19 (2008)
Description of Target	RHOC is a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. RHOC is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of RHOC is associated with tumor cell proliferation and metastasis. This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Protein Interactions	FAM65B; UBC; env; ATF2; PPP3CA; CDK2; LNX1; CAV1; CIT; ARHGAP1; RTKN; DIAPH1; ROCK1; VHL; ARHGDI1;
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-RHOC (ARP55742_P050-Biotin) antibody
Blocking Peptide	For anti-RHOC (ARP55742_P050-Biotin) antibody is Catalog# AAP55742 (Previous Catalog# AAPP34009)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RHOC
Uniprot ID	P08134
Protein Name	Rho-related GTP-binding protein RhoC
Protein Accession #	NP_786886
Purification	Affinity Purified
Nucleotide Accession #	NM_175744
Gene Symbol	RHOC
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Yeast, Zebrafish

Application	IHC, 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%; Sheep: 100%; Yeast: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

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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