



# SZABO SCANDIC

Part of Europa Biosite

## 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

<b>Product Number</b>	ARP55742_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/rhoc-antibody-n-terminal-region-hrp-arp55742-p050-hrp.html">www.avivasysbio.com/rhoc-antibody-n-terminal-region-hrp-arp55742-p050-hrp.html</a>
<b>Name</b>	RHOC Antibody - N-terminal region : HRP (ARP55742_P050-HRP)
<b>Protein Size (# AA)</b>	193 amino acids
<b>Molecular Weight</b>	22kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	389
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Ras homolog family member C
<b>Alias Symbols</b>	H9, ARH9, ARHC, RHOH9
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">VPTVFENYIADIEVDGKQVELALWDTAGQEDYDRLRPLSYPTDVLMLCF</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Sousa, J.F. (er) BMC Cancer 8, 19 (2008)
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	FAM65B; UBC; env; ATF2; PPP3CA; CDK2; LNX1; CAV1; CIT; ARHGAP1; RTKN; DIAPH1; ROCK1; VHL; ARHGDI1A;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-RHOC (ARP55742_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-RHOC (ARP55742_P050-HRP) antibody is <a href="#">Catalog # AAP55742</a> (Previous Catalog # AAPP34009)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human RHOC
<b>Uniprot ID</b>	<a href="#">P08134</a>
<b>Protein Name</b>	Rho-related GTP-binding protein RhoC
<b>Protein Accession #</b>	<a href="#">NP_786886</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_175744</a>
<b>Gene Symbol</b>	<a href="#">RHOC</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Yeast, Zebrafish

<b>Application</b>	IHC, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	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%
<b>Image 1</b>	 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.

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AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)