



# 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) 

Product Number	ARP54702_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/rhob-antibody-middle-region-hrp-arp54702-p050-hrp.html">www.avivasysbio.com/rhob-antibody-middle-region-hrp-arp54702-p050-hrp.html</a>
Name	RHOB Antibody - middle region : HRP (ARP54702_P050-HRP)
Protein Size (# AA)	196 amino acids
Molecular Weight	22kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	388
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ras homolog family member B
Alias Symbols	ARH6, ARHB, RHOH6, MST081, MSTP081
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">CPNVPIILVANKKDLRSDEHVRTELARMKQEPVRTDDGRAMAVRIQAYDY</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	RHOB mediates apoptosis in neoplastically transformed cells after DNA damage. RHOB is not essential for development but affects cell adhesion and growth factor signaling in transformed cells. RHOB plays a negative role in tumorigenesis as deletion causes tumor formation. RHOB is involved in intracellular protein trafficking of a number of proteins. RHOB targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes. RHOB is also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development.
Protein Interactions	RAC1; MDM2; UBC; CORO1C; LAMTOR3; ILF2; HNRNPU; TNFAIP1; ELAVL1; ARHGEF3; RHPN2; PPP2CA; ARHGDIG; PDE6D; PGGT1B; FNNTA; CIT;
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 <a href="#">anti-RHOB (ARP54702_P050-HRP) antibody</a>
Blocking Peptide	For anti-RHOB (ARP54702_P050-HRP) antibody is <a href="#">Catalog# AAP54702</a> (Previous Catalog# AAP42128)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RHOB
Uniprot ID	<a href="#">P62745</a>
Protein Name	Rho-related GTP-binding protein RhoB
Protein Accession #	<a href="#">NP_004031</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_004040</a>
Gene Symbol	<a href="#">RHOB</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 79%; Rat: 100%; Sheep: 100%; Zebrafish: 79%

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