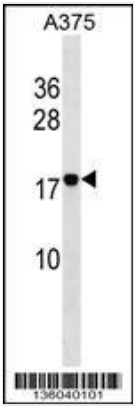
RHOF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RHOF, Polyclonal Antibody
Full Product Name	RHOF, CT (RHOF, ARHF, RIF, Rho-related GTP-binding protein RhoF, Rho family GTPase Rif, Rho in filopodia) (AP)
Product Gene Name	anti-RHOF antibody
Product Synonym Names	RHOF; ARHF; RIF; Rho-related GTP-binding protein RhoF; Rho family GTPase Rif; Rho in filopodia
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	18,869 Da
3D Structure	ModBase 3D Structure for Q9HBH0
Immunogen	RHOF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-206 amino acids from the C-terminal region of human RHOF.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-RHOF antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RHOF antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RHOF antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RHOF antibody	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. Causes the formation of thin, actin-rich surface projections called filopodia. Functions cooperatively with CDC42 and Rac to generate additional structures, increasing the diversity of actin-based morphology.
Product References and Citations for anti-RHOF antibody	Fan, L., et al. J. Cell. Sci. 123 (PT 8), 1247-1252 (2010): Carbone, A., et al. Genes Chromosomes Cancer 47(12):1067-1075(2008). Ellis, S., et al. Curr. Biol. 10(21):1387-1390(2000).
Other Notes	Small volumes of anti-RHOF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RHOF purchase	MBS6341950 is an antibody targeting RHOF. Also known as RHOF, CT (RHOF, ARHF, RIF, Rho-related GTP-binding protein RhoF, Rho family GTPase Rif, Rho in filopodia) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-RHOF antibody
RHOF Antibody (C-term) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the RHOF antibody detected the RHOF protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RHOF. It may not necessarily be applicable to this product.

NCBI GI #	38016957
NCBI GeneID	54509
NCBI Accession #	NP_061907.2
UniProt Primary Accession #	Q9HBH0
UniProt Secondary Accession #	Q8WVB1; Q9NXH6
UniProt Related Accession #	Q9HBH0
GenBank Nucleotide #	NM_019034.2
NCBI Official Full Name	rho-related GTP-binding protein RhoF
NCBI Official Synonym Full Names	ras homolog family member F, filopodia associated
NCBI Official Symbol	RHOF
NCBI Official Synonym Symbols	RIF; ARHF
UniProt Protein Name	Rho-related GTP-binding protein RhoF
UniProt Synonym Protein Names	Rho family GTPase Rif; Rho in filopodia
Protein Family	Rho-related GTP-binding protein
UniProt Gene Name	RHOF
UniProt Synonym Gene Names	ARHF; RIF
UniProt Entry Name	RHOF_HUMAN
NCBI Protein Information	rho-related GTP-binding protein RhoF
Research Articles on RHOF	**1.** Rif has two separate roles in FARP1 regulation-in controlling its association with plexinA4, and in releasing active RhoA from a plexinA4/FARP1 complex.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/rhof/6341950