

Rabbit RHOG Polyclonal Antibody | anti-RHOG antibody

RHOG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40487	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

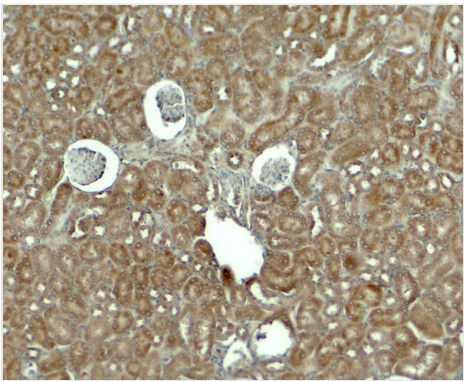
PRODUCT SYNONYMS

RHOG; Polyclonal Antibody; RHOG Antibody; Ras homolog family member G; Rho-related GTP-binding protein; ARHG ; ras homolog family member G; anti-RHOG antibody

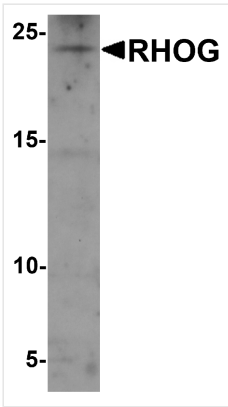
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RHOG antibody is human, mouse and rat reactive.
Purity/Purification	RHOG antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	191
Applicable Applications for anti-RHOG antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RHOG antibody was raised against a 15 amino acid peptide near the amino terminus of human RHOG.
Buffer	RHOG antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RHOG antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of RHOG in mouse kidney tissue with RHOG antibody at 1 μg/ml.



WB (Western Blot)
Western blot analysis of RHOG in human kidney tissue lysate with RHOG antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOG antibody

The ras homolog family member G (RHOG), also known as rho-related GTP-binding protein, 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 (1). RHOG controls a pathway that requires the microtubule network and activates Rac1 and Cdc42Hs independently of their growth factor signaling pathway (2). RHOG is also involved in the transcriptional regulation of interferon-gamma and nuclear factor of activated T cells (NFAT) and the regulation of the actin skeleton in lymphocytes (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	46249393
NCBI GeneID	391
NCBI Accession #	NP_001656
NCBI GenBank Nucleotide #	NM_001665.3
UniProt Accession #	P84095; P35238; Q8NI04
Molecular Weight	Predicted: 21 kDa Observed: 23 kDa
NCBI Official Full Name	rho-related GTP-binding protein RhoG
NCBI Official Synonym Full Names	ras homolog family member G
NCBI Official Symbol	RHOG
NCBI Official Synonym Symbols	ARHG
NCBI Protein Information	rho-related GTP-binding protein RhoG; ras homolog gene family, member G (rho G)
UniProt Protein Name	Rho-related GTP-binding protein RhoG
UniProt Gene Name	RHOG
UniProt Synonym Gene Names	ARHG
UniProt Entry Name	RHOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

