

Rabbit RHOG Polyclonal Antibody | anti-RHOG antibody

RHOG Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282012	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

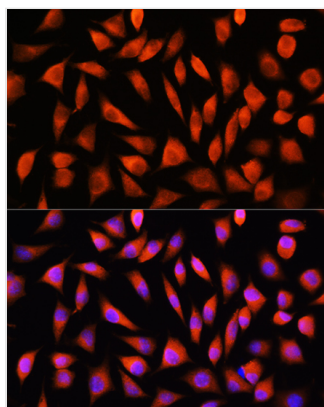
PRODUCT SYNONYMS

RHOG; Polyclonal Antibody; RHOG Rabbit pAb; ARHG; anti-RHOG antibody

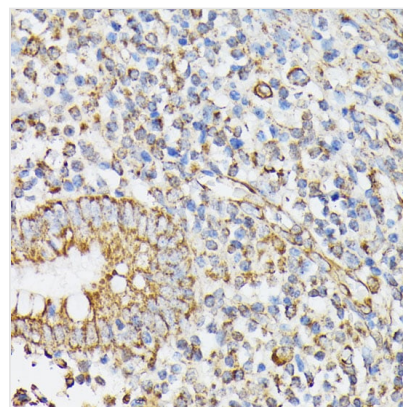
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RHOG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RHOG.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

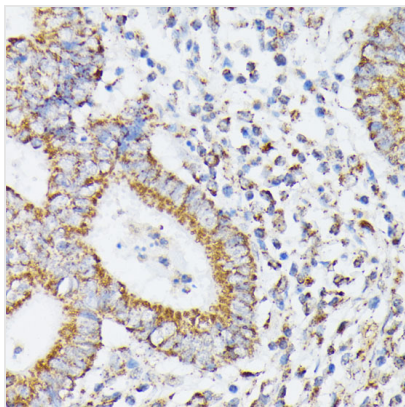
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using RHOG Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.

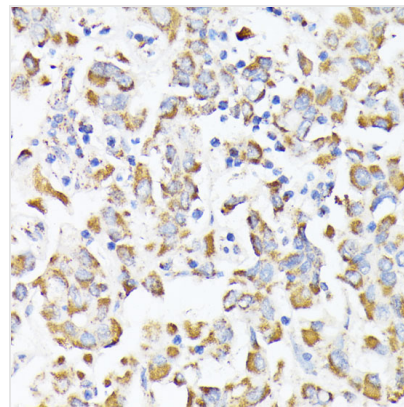

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human appendix using RHOG antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using RHO G antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using RHO G antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RHO G antibody	Background: 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 encoded protein facilitates translocation of a functional guanine nucleotide exchange factor (GEF) complex from the cytoplasm to the plasma membrane where ras-related C3 botulinum toxin substrate 1 is activated to promote lamellipodium formation and cell migration. Two related pseudogene have been identified on chromosomes 20 and X. [provided by RefSeq, Aug 2011]
Product Categories/Family for anti-RHO G antibody	Signal Transduction ; G protein signaling ; Small G proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	46249393
NCBI GeneID	391
NCBI Accession #	NP_001656.2
NCBI GenBank Nucleotide #	NM_001665.3
UniProt Accession #	P84095 ; P35238 ; Q8NI04
Molecular Weight	21,309 Da
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.

