

Datasheet for ABIN7269864

anti-RHOG antibody

4 Images

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Overview

Quantity:	100 µL
Target:	RHOG
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	RHOG Rabbit pAb
Immunogen:	Recombinant protein of human RHOG.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RHOG
Alternative Name:	RHOG (RHOG Products)
Background:	This gene encodes a member of the Rho family of small GTPases, which cycle between

Target Details

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],ARHG,RHOG,Signal Transduction,G protein signaling,Signal Transduction,RHOG

Gene ID: 391

UniProt: [P84095](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

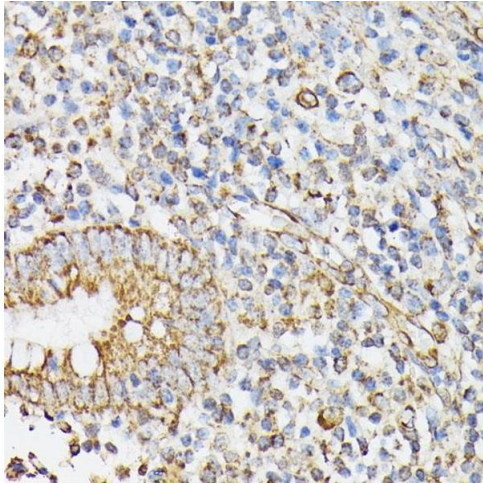
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

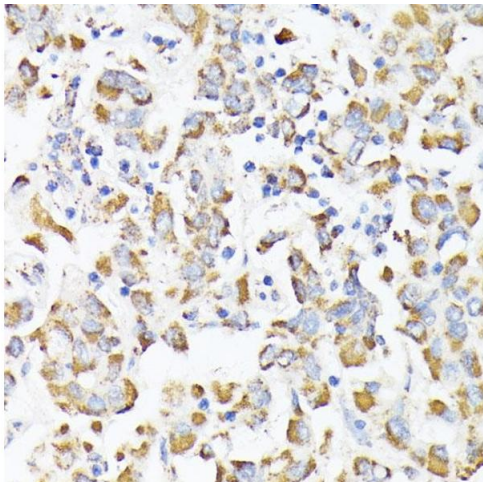
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



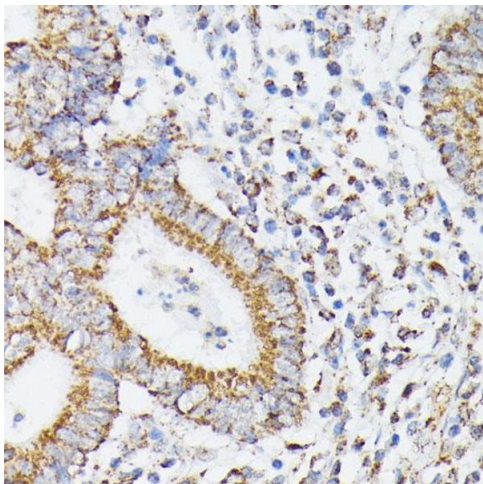
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human appendix using RHOG antibody (ABIN7269864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using RHOG antibody (ABIN7269864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon carcinoma using RHOG antibody (ABIN7269864) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7269864.