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Datasheet for ABIN5690225
anti-RHOG antibody (AA 40-90)

Overview

Quantity:	0.1 mg
Target:	RHOG
Binding Specificity:	AA 40-90
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	RHOG antibody was raised against a 15 amino acid peptide near the amino terminus of human RHOG. The immunogen is located within amino acids 40 - 90 of RHOG.
Isotype:	IgG
Specificity:	RHOG antibody is human, mouse and rat reactive.
Purification:	RHOG antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RHOG
Alternative Name:	RHOG (RHOG Products)
Background:	The ras homolog family member G (RHOG), also known as rho-related GTP-binding protein, is a

Target Details

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).

Molecular Weight: Predicted: 21 kDa

Observed: 23 kDa

Gene ID: 391

NCBI Accession: [NP_001656](#)

UniProt: [P84095](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: RHOG antibody can be used for detection of RHOG by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RHOG antibody is supplied in PBS containing 0.02 % sodium azide.

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: 4 °C, -20 °C

Storage Comment: RHOG antibody can be stored at 4°C for three months and -20°C, stable for up to one year.