

RHOG Rabbit pAb

Catalog No.: A17400

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa

Category

Primary antibody

Applications

WB, IF/ICC, IP

Cross-Reactivity

Human

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
IP	1:50 - 1:200

Immunogen Information

Gene ID

391

Swiss Prot

P84095

Immunogen

Recombinant Protein of human RHOG.

Synonyms

ARHG; RHOG

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.