

PDZ-RhoGEF Polyclonal Antibody

Catalog # AP71835

Specification

PDZ-RhoGEF Polyclonal Antibody - Product Information

Application WB
Primary Accession 015085

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

PDZ-RhoGEF Polyclonal Antibody - Additional Information

Gene ID 9826

Other Names

ARHGEF11; KIAA0380; Rho guanine nucleotide exchange factor 11; PDZ-RhoGEF

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PDZ-RhoGEF Polyclonal Antibody - Protein Information

Name ARHGEF11

Synonyms KIAA0380

Function

May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13). Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating protein (GAP) for GNA12 and GNA13. Involved in neurotrophin-induced neurite outgrowth.

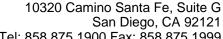
Cellular Location

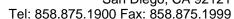
Cytoplasm. Membrane. Note=Translocated to the membrane upon stimulation

Tissue Location

Ubiquitously expressed.

PDZ-RhoGEF Polyclonal Antibody - Protocols



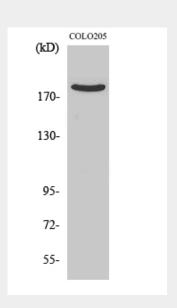




Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDZ-RhoGEF Polyclonal Antibody - Images



Western Blot analysis of various cells using PDZ-RhoGEF Polyclonal Antibody

PDZ-RhoGEF Polyclonal Antibody - Background

May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13). Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating protein (GAP) for GNA12 and GNA13. Involved in neurotrophin-induced neurite outgrowth.