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# PDZ-RhoGEF Polyclonal Antibody

Catalog # AP71835

## Product Information

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|---|---|
| **Application** | WB, IHC-P |
| **Primary Accession** | O15085 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 167704 |

## Additional Information

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|---|---|
| **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. IHC-P~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

## Protein Information

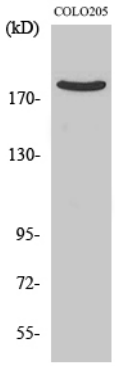
| | |
|---|---|
| **Name** | ARHGEF11 |
| **Synonyms** | KIAA0380 |
| **Function** | May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13). Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating 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. |

## Background

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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.

## Images




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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.