Datasheet for ABIN652816
anti-RPGRIP1 antibody (AA 530-557)

## 3 Images

## Overview

| Quantity: | $400 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | RPGRIP1 |
| Binding Specificity: | AA 530-557 |
| Reactivity: | Human |
| Host: | Polyclonal |
| Clonality: | This RPGRIP1 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded <br> Sections) (IHC (p)) |
| Application: |  |

## Product Details

| Immunogen: | This RPGRIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic |
| :--- | :--- |
|  | peptide between 530-557 amino acids from the Central region of human RPGRIP1. |
| Clone: | RB23627 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Target Details | RPGRIP1 |
| Target: | RPGRIP1 (RPGRIP1 Products) |
| Alternative Name: |  |

Target Details

| Background: | RPGRIP1 is a photoreceptor protein that interacts with retinitis pigmentosa GTPase regulator protein and is a key component of cone and rod photoreceptor cells. |
| :---: | :---: |
| Molecular Weight: | 146682 |
| Gene ID: | 57096 |
| NCBI Accession: | NP_065099 |
| UniProt: | Q96KN7 |
| Application Details |  |
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with $0.09 \%$ (W/V) 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: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Maintain refrigerated at $2-8^{\circ} \mathrm{C}$ for up to 6 months. For long term storage store at $-20^{\circ} \mathrm{C}$ in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



## Flow Cytometry

Image 1. RPGRIP1 Antibody (Center) (ABIN652816 and ABIN2842532) flow cytometry analysis of MDA-M cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human breast carcinoma reacted with RPGRIP1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

## Western Blotting

Image 3. Western blot analysis of RPGRIP1 Antibody (Center) (ABIN652816 and ABIN2842532) in HL-60, K562, MDA-M, Jurkat cell line lysates ( $35 \mu \mathrm{~g} / \mathrm{lane}$ ). RPGRIP1 (arrow) was detected using the purified Pab.

