

## KIAA1688 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5966b

## **Specification**

# KIAA1688 Antibody (C-term) - Product Information

Application IF, WB, FC,E Primary Accession Q9C0H5

Other Accession P59281, NP\_079527.1
Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Antigen Region 852-880

## KIAA1688 Antibody (C-term) - Additional Information

### **Gene ID 80728**

### **Other Names**

Rho GTPase-activating protein 39, ARHGAP39, KIAA1688

# Target/Specificity

This KIAA1688 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 852-880 amino acids from the C-terminal region of human KIAA1688.

#### **Dilution**

IF~~1:25 WB~~1:2000 FC~~1:25

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

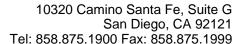
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

KIAA1688 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# KIAA1688 Antibody (C-term) - Protein Information

### Name ARHGAP39





Synonyms KIAA1688

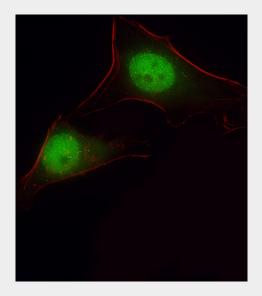
**Cellular Location** Nucleus.

## KIAA1688 Antibody (C-term) - Protocols

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

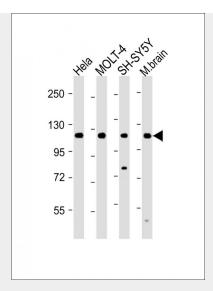
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# KIAA1688 Antibody (C-term) - Images

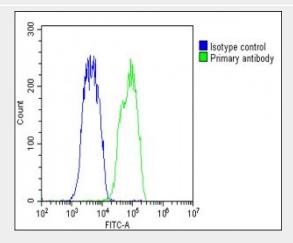


Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela cells labeling ARHGAP39 with AP5966b at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Weak Cytoplasm staining on Hela cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin(red). The nuclear counter stain is DAPI (blue).





All lanes: Anti-KIAA1688 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: MOLT-4 whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: Mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 121 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing Hela cells stained with AP5966b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP5966b, 1:25 dilution) for 60 min at 37 $^{\circ}$ C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 $^{\circ}$ C. Isotype control antibody (blue line) was rabbit IgG1 (1 $\mu$ g/1x10 $^{\circ}$ 6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.