10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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

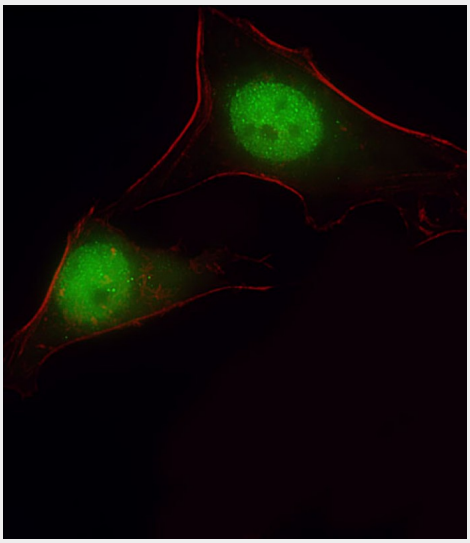
Cellular Location
Nucleus.

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
- Immunofluorescence
- Immunoprecipitation
- 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).

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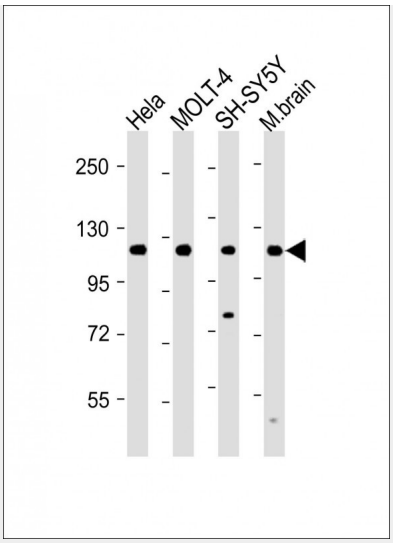
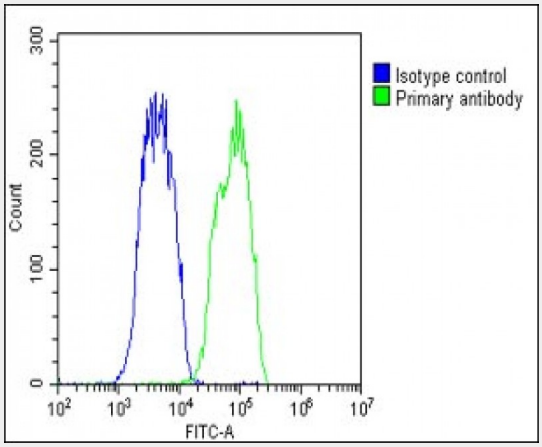


All lanes : Anti-KIAA1688 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: MOLT-4 whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: Mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. 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 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.