BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-PGAP1 Antibody (N-Term)

**Catalog Number:** M08640

## About PGAP1

Involved in inositol deacylation of GPI-anchored proteins. GPI inositol deacylation may important for efficient transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi (By similarity).

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## Overview

| | |
|---|---|
| Product Name | Anti-PGAP1 Antibody (N-Term) |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-PGAP1 Antibody (N-Term) (Catalog # M08640). Tested in WB, Flow Cytometry, IF application(s). This antibody reacts with Human, Mouse, Rat. |
| Application | Flow Cytometry, IF, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | 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. |
| Host | Rabbit |
| Uniprot ID | Q75T13 |

## Technical Details

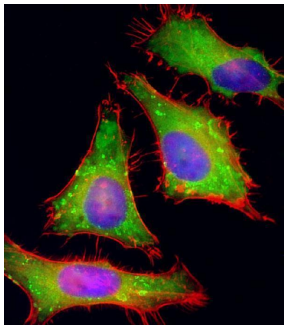
| | |
|---|---|
| Immunogen | This PGAP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 90-122 amino acids from human PGAP1. |
| Predicted Reactive Species | Mouse, Rat |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Suggested Dilutions | IF: 1:25 |

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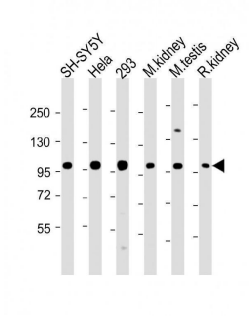
| | |
|---|---|
| | WB: 1:2000<br>FC: 1:25 |

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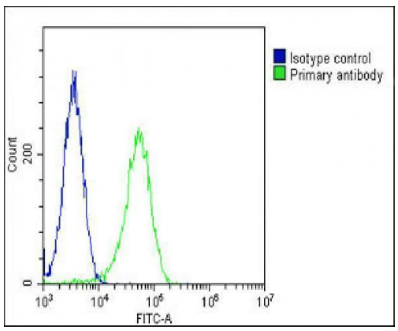
# Anti-PGAP1 Antibody (N-Term) (M08640) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling PGAP1 with M08640 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).




All lanes : Anti-PGAP1 Antibody (N-Term) at 1:2000 dilutionLane 1: SH-SY5Y whole cell lysateLane 2: Hela whole cell lysateLane 3: 293 whole cell lysateLane 4: mouse kidney lysateLane 5: mouse testis lysateLane 6: rat kidney lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 105 kDaBlocking/Dilution buffer: 5% NFDM/TBST.




Overlay histogram showing Hela cells stained with M08640 (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 (M08640, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight®488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



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