

**ARG44463**  
**anti-PGAP1 antibody**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PGAP1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PGAP1
Species	Human
Immunogen	Human PGAP1 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PGAP1; Post-GPI Attachment To Proteins Inositol Deacylase 1; GPI Inositol-Deacylase; SPG67; Bst1; Post-GPI Attachment To Proteins Factor 1; Post-GPI Attachment To Proteins 1; FLJ12377; EC 3.1.-.- ; ISPD3024; NEDDSBA; HPGAP1; MRT42

### Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 <sup>6</sup>
	WB	0.25-0.5 µg/ml

**Application Note** The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

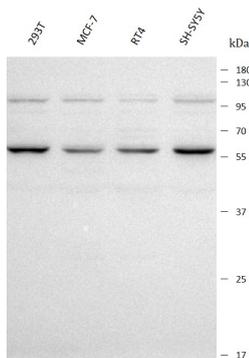
### Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

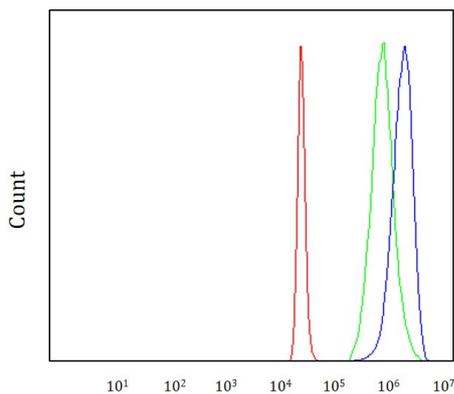
Gene Symbol	PGAP1
Gene Full Name	Post-GPI Attachment To Proteins Inositol Deacylase 1
Background	The protein encoded by this gene functions early in the glycosylphosphatidylinositol (GPI) biosynthetic pathway, catalyzing the inositol deacylation of GPI. The encoded protein is required for the production of GPI that can attach to proteins, and this may be an important factor in the transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi. Defects in this gene are a cause an autosomal recessive form of cognitive impairment.
Function	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.
Calculated Mw	105 kDa
PTM	Glycoprotein
Cellular Localization	Endoplasmic reticulum, Membrane

## Images



ARG44463 anti-PGAP1 antibody WB image

Western blot: 293T, MCF-7, RT4 and SH-SY5Y stained with ARG44463 anti-PGAP1 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



ARG44463 anti-PGAP1 antibody FACS image

Flow Cytometry: 293T stained with ARG44463 anti-PGAP1 antibody at 1  $\mu\text{g}/10^6$  cells dilution.