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

PGAP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5731B

Specification

PGAP2 Antibody (C-term) - Product Information

Application	**FC, WB,E**
Primary Accession	Q9UHJ9
Other Accession	Q2ABP3, Q3TQR0, Q2ABP2, NP_001138910.1
Reactivity	**Human**
Predicted	**Hamster, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**29400**
Antigen Region	**214-242**

PGAP2 Antibody (C-term) - Additional Information

Gene ID 27315

Other Names
Post-GPI attachment to proteins factor 2, FGF receptor-activating protein 1, PGAP2, FRAG1

Target/Specificity
This PGAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-242 amino acids from the C-terminal region of human PGAP2.

Dilution
FC~~1:10~50
WB~~1:1000
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
PGAP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PGAP2 Antibody (C-term) - Protein Information

Name PGAP2 (HGNC:17893)

Synonyms FRAG1

Function Involved in the fatty acid remodeling steps of GPI-anchor maturation where the unsaturated acyl chain at sn-2 of inositol phosphate is replaced by a saturated stearoyl chain. May catalyze the second step of the fatty acid remodeling, by reacylating a lyso-GPI intermediate at sn-2 of inositol phosphate by a saturated chain (By similarity). The fatty acid remodeling steps is critical for the integration of GPI-APs into lipid rafts (PubMed:23561846).

Cellular Location
Golgi apparatus membrane {ECO:0000269|PubMed:10585768, ECO:0000269|Ref.2}; Multi-pass membrane protein

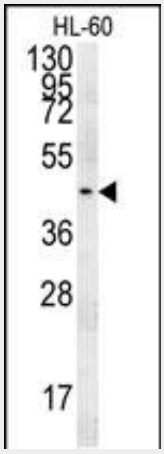
Tissue Location
Ubiquitously expressed, with highest levels in testis and pancreas.

PGAP2 Antibody (C-term) - Protocols

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

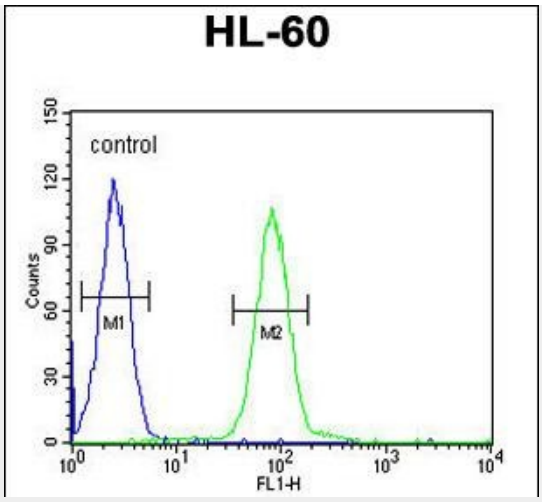
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PGAP2 Antibody (C-term) - Images



PGAP2 Antibody (C-term) (Cat. #AP5731b) western blot analysis in HL-60 cell line lysates (15ug/lane).This demonstrates the PGAP2 antibody detected the PGAP2 protein (arrow).

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



PGAP2 Antibody (C-term) (Cat. #AP5731b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PGAP2 Antibody (C-term) - Background

PGAP2 is involved in the lipid remodeling steps of GPI-anchor maturation. Required for stable expression of GPI-anchored proteins at the cell surface (By similarity).

PGAP2 Antibody (C-term) - References

Tashima, Y., et al. Mol. Biol. Cell 17(3):1410-1420(2006)
Lorenzi, M.V., et al. Genomics 62(1):59-66(1999)
Robertson, N.G., et al. Genomics 23(1):42-50(1994)