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PGAP3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13237c

Specification

PGAP3 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q96FM1

PGAP3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 93210

Other Names
Post-GPI attachment to proteins factor 3, COS16 homolog, hCOS16, Gene coamplified with ERBB2 protein, PER1-like domain-containing protein 1, PGAP3, CAB2, PERLD1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13237c was selected from the Center region of PGAP3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PGAP3 Antibody (Center) Blocking peptide - Protein Information

Name PGAP3 (HGNC:23719)

Synonyms CAB2, PERLD1

Function
Involved in the lipid remodeling steps of GPI-anchor maturation. Lipid remodeling steps consist in the generation of 2 saturated fatty chains at the sn-2 position of GPI-anchors proteins. Required for phospholipase A2 activity that removes an acyl-chain at the sn-2 position of GPI-anchors during the remodeling of GPI.

Cellular Location
Golgi apparatus membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Mainly localizes to Golgi apparatus.

Tissue Location

Ubiquitously expressed, with highest levels in thyroid and placenta.

PGAP3 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

PGAP3 Antibody (Center) Blocking peptide - Images

PGAP3 Antibody (Center) Blocking peptide - Background

PGAP3 is involved in the lipid remodeling steps of GPI-anchor maturation. Lipid remodeling steps consist in the generation of 2 saturated fatty chains at the sn-2 position of GPI-anchors proteins. Required for phospholipase A2 activity that removes an acyl-chain at the sn-2 position of GPI-anchors during the remodeling of GPI (Probable).

PGAP3 Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Mavaddat, N., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):255-259(2009)Maeda, Y., et al. Mol. Biol. Cell 18(4):1497-1506(2007)Benusiglio, P.R., et al. Br. J. Cancer 95(12):1689-1695(2006)