

Rabbit PGAP2 Polyclonal Antibody | anti-PGAP2 antibody

PGAP2 Antibody (C-term)

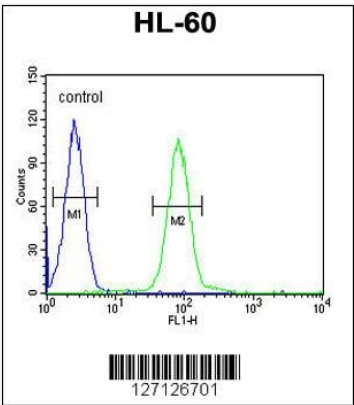
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290261	Rabbit	Human (Predicted Reactivity: Hamster, Mouse, Rat)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

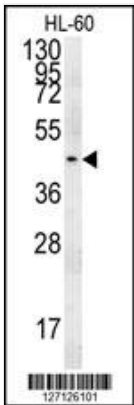
PGAP2; Polyclonal Antibody; PGAP2 Antibody (C-term); Post-GPI attachment to proteins factor 2; FGF receptor-activating protein 1; FRAG1; anti-PGAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Hamster, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	214-242
Applicable Applications for anti-PGAP2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Function	Involved in the lipid remodeling steps of GPI-anchor maturation. Required for stable expression of GPI-anchored proteins at the cell surface (By similarity).
Cellular Location	Golgi apparatus membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Ubiquitously expressed, with highest levels in testis and pancreas.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PGAP2 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PGAP2 antibody	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).
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	224177563
NCBI GeneID	27315
NCBI Accession #	NP_001138910.1; NP_001243164.1; NP_001243165.1; NP_001243166.1; NP_001243167.1; NP_001243168.1; NP_001243169.1; NP_055304.1
NCBI GenBank Nucleotide #	NM_001145438.2
UniProt Accession #	Q9UHH9; Q6UC77; Q96G66; Q9UF01; Q9Y4N1; E9PJG5; H7BXL9
Molecular Weight	29400
NCBI Official Full Name	post-GPI attachment to proteins factor 2 isoform 2
NCBI Official Synonym Full Names	post-GPI attachment to proteins 2
NCBI Official Symbol	PGAP2
NCBI Official Synonym Symbols	FRAG1; MRT17; MRT21; HPMRS3; CWH43-N
NCBI Protein Information	post-GPI attachment to proteins factor 2
UniProt Protein Name	Post-GPI attachment to proteins factor 2
UniProt Gene Name	PGAP2
UniProt Synonym Gene Names	FRAG1
UniProt Entry Name	PGAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

