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

Anti-PIGF Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18479

Product Information

Application	WB, IHC-P
Primary Accession	Q07326
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24890
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	5281
Alias Symbol	PIGF
Other Names	PIGF, GPI11 homolog, PIG-F, PIGFP1
Target/Specificity	Recognizes endogenous levels of PIGF protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-PIGF Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PIGF (HGNC:8962)
Function	Stabilizing subunit of the ethanolamine phosphate transferase 3 and ethanolamine phosphate transferase 2 complexes that sequentially transfer an ethanolamine phosphate (EtNP) from a phosphatidylethanolamine (PE) to the 6-OH position of the third alpha- 1,2-linked mannose and the second alpha-1,6-linked mannose of a 2-acyl-6-[alpha-D-mannosyl-(1->2)-alpha-D-mannosyl-(1->6)-2-phosphoethanolamine-alpha-D-mannosyl-(1->4)-alpha-D-glucosaminyl]-1-(1-radyl,2-acyl-sn-glycero-3-phospho)-1D-myo-inositol (also termed H6) intermediate to generate a 2-acyl-6-[6-phosphoethanolamine-alpha-D-mannosyl-(1->2)-6-phosphoethanolamine-alpha-D-mannosyl-(1->6)-2-phosphoethanolamine-alpha-D-mannosyl-(1->4)-alpha-D-glucosaminyl]-1-(1-radyl,2-acyl-sn-glycero-3-phospho)-1D-myo-inositol (also termed H8) (PubMed:15632136). Participates in the tenth and eleventh steps of the glycosylphosphatidylinositol-anchor biosynthesis, in association with PIGO and PIGG, respectively (PubMed:15632136, PubMed:33386993).

Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.