

For Research Use Only

PIGS Polyclonal antibody

Catalog Number: 18334-1-AP **1 Publications**



Basic Information

Catalog Number: 18334-1-AP	GenBank Accession Number: BC001319	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 94005	Recommended Dilutions: WB 1:200-1:1000 IF 1:10-1:100
Source: Rabbit	Full Name: phosphatidylinositol glycan anchor biosynthesis, class 5	
Isotype: IgG	Calculated MW: 62 kDa	
Immunogen Catalog Number: AG12950	Observed MW: 65-70 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, A549 cells, HepG2 cells, mouse liver tissue, PC-3 cells
Species Specificity: human, mouse	IF : HepG2 cells,
Cited Species: human	

Background Information

PIGS, also named as GPI transamidase component PIG-5 or PRO4316, is a 555 amino acid protein, which belongs to the PIGS family. PIGS localizes in the endoplasmic reticulum membrane. PIGS is a component of the GPI transamidase complex. It is essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates.

Notable Publications

Author	Pubmed ID	Journal	Application
Takahiro Nakane	30898876	J Biol Chem	WB

Storage

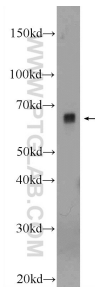
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

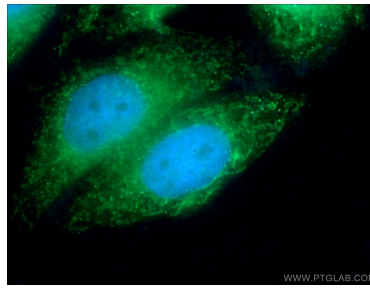
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 18334-1-AP (PIGS Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 18334-1-AP (PIGS antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).