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Pigw antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12991

Product Information

Application	WB
Primary Accession	Q7TSN4
Other Accession	NM_194461, NP_919443
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56443

Additional Information

Gene ID	378774
Alias Symbol	Pigw
Other Names	Phosphatidylinositol-glycan biosynthesis class W protein, PIG-W, 2.3.-.-, Pigw {ECO:0000305}
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pigw antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pigw antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pigw {ECO:0000312|RGD:727962}
Function	Acyltransferase that catalyzes the acyl transfer from an acyl-CoA at the 2-OH position of the inositol ring of a 6-(alpha-D-glucosaminyl)-1-(1,2-diacyl-sn-glycero-3-phospho)-1D-myo-inositol (glucosaminyl phosphatidylinositol, GlcN-PI) to generate a 2-acyl-6-alpha-D-glucosaminyl-1-(1,2-diacyl-sn-glycero-3-phospho)-1D-myo- inositol (glucosaminyl acyl phosphatidylinositol, GlcN-(acyl)PI) and participates in the fourth step of GPI-anchor biosynthesis (PubMed:14517336). Required for the transport of GPI-anchored proteins to the plasma membrane (By similarity). Acylation during GPI-anchor biosynthesis is not essential for the subsequent mannosylation and is usually removed soon after the attachment of GPIs to

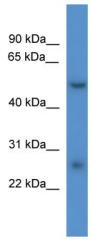
proteins (PubMed:14517336).

Cellular Location Endoplasmic reticulum membrane; Multi-pass membrane protein

References

Murakami Y.,et al.Mol. Biol. Cell 14:4285-4295(2003).

Images



WB Suggested Anti-Pigw Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Rat Liver

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