

## Product datasheet for **AP53298PU-N**

### **PIGN (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 213-243aa) of human PIGN .
Specificity:	This antibody recognizes PIGN at N-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphatidylinositol glycan anchor biosynthesis class N
Database Link:	<a href="#">Entrez Gene 23556 Human O95427</a>
Background:	PIGN is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is expressed in the endoplasmic reticulum and transfers phosphoethanolamine (EtNP) to the first mannose of the GPI anchor.
Synonyms:	PIG-N, MCD4



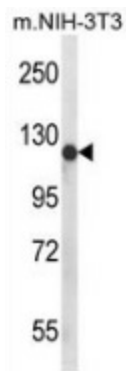
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**Note:** **Molecular Weight:** 105810 Da

**Protein Families:** Transmembrane

**Protein Pathways:** Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

**Product images:**



Western blot analysis of PIGN (arrow) in mouse NIH-3T3 cell line lysates (35ug/lane) using PIGN antibody. (N-term).