

## Product datasheet for **TA345804**

### PIGF Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PIGF antibody: synthetic peptide directed towards the N terminal of human PIGF. Synthetic peptide located within the following region: MKDNDIKRLLYTHLLCIFSILSVFIPSLFLENFSILETHLTWLCICSGF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	phosphatidylinositol glycan anchor biosynthesis class F
Database Link:	<a href="#">NP_002634</a> <a href="#">Entrez Gene 5281 Human</a> <a href="#">Q07326</a>



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**Background:**

PIGF is a protein involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor, a glycolipid containing three mannose molecules in its core backbone, is found on many blood cells where it serves to anchor proteins to the cell surface. PIGF and another GPI synthesis protein, PIGO, function in the transfer of ethanolaminephosphate to the third mannose in GPI. This gene encodes a protein involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor, a glycolipid containing three mannose molecules in its core backbone, is found on many blood cells where it serves to anchor proteins to the cell surface. The encoded protein and another GPI synthesis protein, PIGO, function in the transfer of ethanolaminephosphate to the third mannose in GPI. Alternatively spliced transcript variants encoding different isoforms have been described.

**Synonyms:**

MGC32646; MGC33136

**Note:**

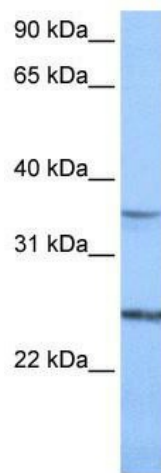
Immunogen Sequence Homology: Human: 100%; Dog: 93%; Horse: 92%; Pig: 86%; Rat: 86%; Mouse: 86%; Sheep: 86%; Bovine: 86%

**Protein Families:**

Transmembrane

**Protein Pathways:**

Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

**Product images:**

WB Suggested Anti-PIGF Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate