

Product datasheet for TA345921

PIGK 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-PIGK antibody: synthetic peptide directed towards the N terminal of

human PIGK. Synthetic peptide located within the following region: SVYRSVKRLGIPDSHIVLMLADDMACNPRNPKPATVFSHKNMELNVYGDD

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 43 kDa

Gene Name: phosphatidylinositol glycan anchor biosynthesis class K

Database Link: NP 005473

Entrez Gene 10026 Human

Q92643



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Background: PIGK is a member of the cysteine protease family C13 that 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. PIGK is a member of the multisubunit enzyme, GPI transamidase and is thought to be its enzymatic component. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. This gene encodes a member of the cysteine protease family C13 that 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 a member of the multisubunit enzyme, GPI transamidase and is thought to be its enzymatic component. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: GPI8

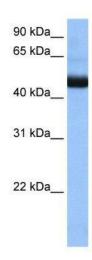
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Human: 100%; Rabbit: 100%;

Zebrafish: 100%; Guinea pig: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%

Protein Families: Druggable Genome, Protease, Transmembrane

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

Product images:



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