

PIGF polyclonal antibody

Catalog: BS61239

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Phosphatidylinositol-glycans (PIGs) are multi-pass transmembrane proteins that localize to the endoplasmic reticulum. PIGs exhibit various functions but all are crucial for the biosynthesis of the glycosylphosphatidylinositol (GPI) anchor. Some PIG proteins are components of the GPI transamidase complex and play a role in the recognition of either the GPI attachment signal or the lipid portion of GPI. Other PIGs belong to the glycosyltransferase complex and function in the transfer of N-acetylglucosamine (GlcNAc) to phosphatidylinositol (PI). A variety of other PIGs play distinct roles in GPI synthesis. PIG-F functions as an auxiliary subunit of ethanolamine phosphate (EtNP) transferases. It associates with PIG-O and is required for its expression and stability. Together these two PIGs function as an EtNP transferase and catalyze the transfer of EtNP to the third mannose (Man-3) of GPI. A mutation in the gene encoding PIG-F may result in a block of EtNP addition to Man-3 and lead to an absence of GPI-anchored proteins.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q07326

Purification & Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

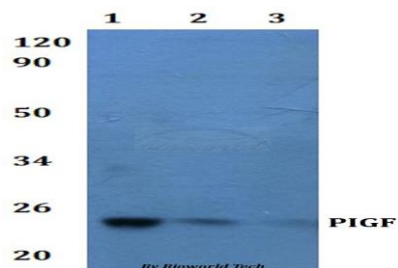
Storage & Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PIGF polyclonal antibody detects endogenous levels of PIGF protein.

DATA:



Western blot (WB) analysis of PIGF polyclonal antibody at 1:500 dilution. Lane 1: HEK293T whole cell lysate

Lane 2: RAW264.7 whole cell lysate. Lane 3: H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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