

PIGW polyclonal antibody

Catalog: BS61315

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 including mannosylation of the GPI-anchor. PIG-W (Phosphatidylinositol-glycan biosynthesis class W protein) is a 504 amino acid multi-pass membrane protein that functions in the third step of GPI biosynthesis and acylates the inositol ring of phosphatidylinositol.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.7.

Molecular Weight:

~ 57 kDa

Swiss-Prot:

Q7Z7B1

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

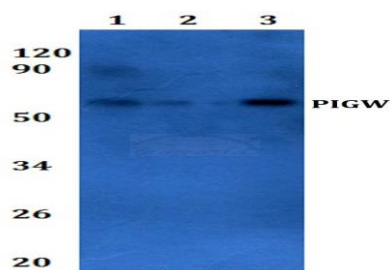
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -24 °C long term. Avoid freeze-thaw cycles.

Specificity:

PIGW polyclonal antibody detects endogenous levels of PIGW protein.

DATA:



Western blot (WB) analysis of PIGW polyclonal antibody at 1:500 dilution. Lane1:293T whole cell lysate. Lane2:NIH-3T3 whole cell lysate. Lane3:H9C2 whole cell lysate.

Note:

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

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