



PRODUCT DATA SHEET

Bioworld Technology, Inc.

PIGB polyclonal antibody

Catalog: BS32237

Host: Rabbit

Reactivity: Human

BackGround:

GPI alpha-1,2-mannosyltransferase 3: Alpha-1,2-mannosyltransferase that catalyzes the transfer of the third mannose, via an alpha-1,2 bond, from a dolichol-phosphate-mannose (Dol-P-Man) to a 2-acyl-6-[alpha-D-mannosyl-(1->6)-2-phosphoethanolamine-alpha-D-mannosyl-(1->4)-alpha-D-glucosaminyl]-1-(1-radyl,2-acyl-sn-glycero-3-phospho)-1D-myo-inositol intermediate to generate a 2-acyl-6-[alpha-D-mannosyl-(1->2)-alpha-D-mannosyl-(1->6)-2-phosphoethanolamine-alpha-D-mannosyl-(1->4)-alpha-D-glucosaminyl]-1-(1-radyl,2-acyl-sn-glycero-3-phospho)-1D-myo-inositol (also termed H6) and participates in the ninth step of the glycosylphosphatidylinositol-anchor biosynthesis (Probable). May also add the third mannose to a 2-acyl-6-[alpha-D-mannosyl-(1->6)-alpha-D-mannosyl-(1->4)-alpha-D-glucosaminyl]-1-(1-radyl,2-acyl-sn-glycero-3-phospho)-1D-myo-inositol (also termed H3) intermediate generating a 2-acyl-6-(alpha-D-mannosyl-(1->2)-alpha-...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~65.1 kDa

Swiss-Prot:

Q92521

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

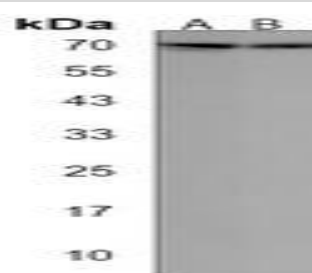
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of PIGB protein.

DATA:



Western blot analysis of EIF4E (Phospho-S209) expression in Hela (A), mouse lung (B), rat brain (C) whole cell lysates.

Immunohistochemical analysis of EIF4E (Phospho-S209) staining in mouse spleen formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of EIF4E (Phospho-S209) staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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