



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DPAGT1 polyclonal antibody

Catalog: BS31821

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase that operates in the biosynthetic pathway of dolichol-linked oligosaccharides, the glycan precursors employed in protein asparagine (N)-glycosylation. The assembly of dolichol-linked oligosaccharides begins on the cytosolic side of the endoplasmic reticulum membrane and finishes in its lumen. The sequential addition of sugars to dolichol pyrophosphate produces dolichol-linked oligosaccharides containing fourteen sugars, including two GlcNAcs, nine mannoses and three glucoses. Once assembled, the oligosaccharide is transferred from the lipid to nascent proteins by oligosaccharyltransferases. Catalyzes the initial step of dolichol-linked oligosaccharide biosynthesis, transferring GlcNAc-1-P from cytosolic UDP-GlcNAc onto the carrier lipid dolichyl phosphate (P-dolichol), yielding GlcNAc-P-P-dolichol embedd...

Product:

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

Molecular Weight:

~46.1 kDa

Swiss-Prot:

Q9H3H5

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

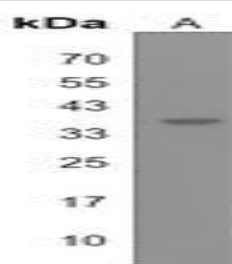
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of DPAGT1 protein.

DATA:



Western blot analysis of Cytochrome P450 2D6 expression in mouse spleen (A), rat liver (B), rat spleen (C) whole cell lysates.

Immunohistochemical analysis of Cytochrome P450 2D6 staining in human liver cancer 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.

Note:

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

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