

ALG13 rabbit pAb

Catalog No: YT7071

Reactivity: Human; Mouse; Rat

Applications: WB

Target: ALG13

Fields: >>N-Glycan biosynthesis;>>Various types of N-glycan biosynthesis;>>Metabolic

pathways

Gene Name: ALG13 CXorf45 GLT28D1 MDS031

Q9D8C3

Protein Name: ALG13

Human Gene Id: 79868

Human Swiss Prot Q9NP73

No:

Mouse Gene ld: 67574

Mouse Swiss Prot

No:

Rat Gene Id: 300284

Rat Swiss Prot No: Q5I0K7

Immunogen: Synthesized peptide derived from human ALG13 AA range: 69-119

Specificity: This antibody detects endogenous levels of ALG13 at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1 ? 500-2000

1/2



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 125kD

Background: The protein encoded by this gene is a subunit of a bipartite UDP-N-

acetylglucosamine transferase. It heterodimerizes with asparagine-linked glycosylation 14 homolog to form a functional UDP-GlcNAc glycosyltransferase that catalyzes the second sugar addition of the highly conserved oligosaccharide precursor in endoplasmic reticulum N-linked glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Dec 2009],

Function: catalytic activity:UDP-N-acetyl-D-glucosamine + N-acetyl-D-glucosaminyl-

diphosphodolichol = UDP + N,N'-diacetylchitobiosyl-

diphosphodolichol.,function:Involved in protein N-glycosylation. Essential for the

second step of the dolichol-linked oligosaccharide pathway.,online

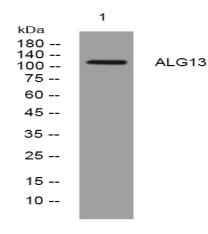
information:GlycoGene database, similarity:Belongs to the glycosyltransferase 28

family., subunit: Heterodimer with ALG14 to form a functional enzyme.,

Subcellular Location:

[Isoform 2]: Endoplasmic reticulum . Could be recruited to the cytosolic face of the endoplasmic reticulum membrane through its interaction with ALG14.

Products Images



Western blot analysis of lysates from A549 cells, primary antibody was diluted at 1:1000, 4° over night