

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
Protein Name :	ALG13
Human Gene Id :	79868
Human Swiss Prot No :	Q9NP73
Mouse Gene Id :	67574
Mouse Swiss Prot No :	Q9D8C3
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

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.

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