



ALG13 mouse mAb

Catalog No	YP-mAb-11706
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ALG13 CXorf45 GLT28D1 MDS031
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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Asparagine-linked glycosylation 13 homolog;CXorf45;EC:2.4.1.141;GLT28D1; Glycosyltransferase 28;ALG13;ALG13 CXorf45 GLT28D1 MDS031
Observed Band	
Calculated Molecular Weight	
Cell Pathway	[Isoform 2]: Endoplasmic reticulum . Could be recruited to the cytosolic face of the endoplasmic reticulum membrane through its interaction with ALG14.
Tissue Specificity	
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.,
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],

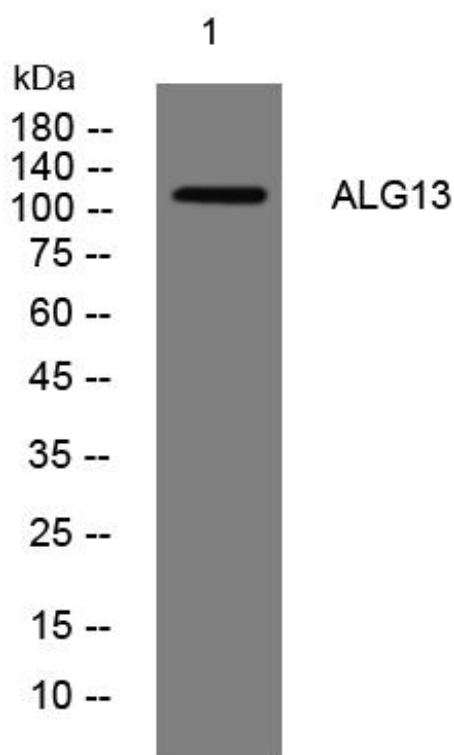
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ALG13 mouse mAb