抗人ALG8多克隆抗体

Anti-Human ALG8 Polyclonal Antibody

货号：RB9T37037641

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37037641

中文名称
抗人ALG8多克隆抗体

英文名称
Anti-Human ALG8 Polyclonal Antibody

形态
Liquid

内毒素水平
Please contact with the lab for this information.

应用
ELISA, IHC, WB

登录号
Q9BVK2

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Homo sapiens (Human)

靶标
ALG8, Asparagine-linked glycosylation protein 8 homolog, Dol-P-Glc:Glc(1)Man(9)GlcNAc(2)-PP-dolichyl alpha-1,3-glucosyltransferase, Dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase

免疫原
E. coli - derived recombinant Human ALG8 (Asp36-Thr102&Ala258-Ser331&His381-Glu426).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase (ALG8) is a ~60 kDa protein. Dolichyl pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-glucosyltransferase 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. In the lumen of the endoplasmic reticulum, adds the second glucose residue from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide intermediate Glc(1)Man(9)GlcNAc(2)-PP-Dol to produce Glc(2)Man(9)GlcNAc(2)-PP-Dol.

1. Chantret, I. et al. (2003) The Journal of biological chemistry 278, 9962-71. PMID: 12480927
2. Schollen, E. et al. (2004) Journal of medical genetics 41, 550-6. PMID: 15235028

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only