

## ALG2 Antibody (Center)

Catalog_no :	AB1603
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:254-282
Specificity :	This ALG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 254-282 amino acids from the Central region of human ALG2.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Alpha-1,3/1,6-mannosyltransferase ALG2, Asparagine-linked glycosylation protein 2 homolog, GDP-Man:Man(1)GlcNAc(2)-PP-Dol alpha-1,3-mannosyltransferase, GDP-Man:Man(1)GlcNAc(2)-PP-dolichol mannosyltransferase, GDP-Man:Man(2)GlcNAc(2)-PP-Dol alpha-1,6-mannosyltransferase, ALG2
Isotype :	Rabbit Ig
Background :	This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type Ih (CDG-Ii). Alternative splicing results in multiple transcript variants.
reference :	Inuzuka, T., et al. BMC Struct. Biol. 10, 25 (2010) ; Okumura, M., et al. Biochem. Biophys. Res. Commun. 386(1):237-241(2009) Hoj, B.R., et al. Biochem. Biophys. Res. Commun. 378(1):145-148(2009) Mahul-Mellier, A.L., et al. J. Biol. Chem. 283(50):349