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Product datasheet for AP50146PU-N

ALG11 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	**ELISA:** 1/1000. **Western blotting:** 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 343-373 amino acids from the C-terminal region of human ALG11
Specificity:	This antibody reacts to ALG11.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ALG11, alpha-1,2-mannosyltransferase
Database Link:	Entrez Gene 440138 Human Q2TAA5

View online »

Background: This gene encodes a GDP-Man:Man3GlcNAc2-PP-dolichol-alpha1,2-mannosyltransferase which is localized to the cytosolic side of the endoplasmic reticulum (ER) and catalyzes the transfer of the fourth and fifth mannose residue from GDP-mannose (GDP-Man) to Man3GlcNAc2-PP-dolichol and Man4GlcNAc2-PP-dolichol resulting in the production of Man5GlcNAc2-PP-dolichol. Mutations in this gene are associated with congenital disorder of glycosylation type Ip (CDGIP). This gene overlaps but is distinct from the UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast) gene. A pseudogene of the GDP-Man:Man3GlcNAc2-PP-dolichol-alpha1,2-mannosyltransferase has been identified on chromosome 19.

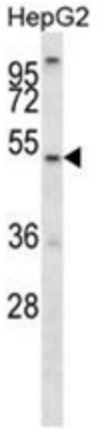
Synonyms: GT8; KIAA0266; UTP14C

Note: **Molecular Weight:** 55651 Da

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

Product images:



ALG11 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35 ug/lane).This demonstrates the ALG11 antibody detected the ALG11 protein (arrow).