



ALG1 rabbit pAb

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| Catalog No | BYab-11575 |
| Isotype | IgG |
| Reactivity | Human; Mouse |
| Applications | WB |
| Gene Name | ALG1 HMAT1 HMT1 PSEC0061 UNQ861/PRO1870 |
| Protein Name | ALG1 |
| Immunogen | Synthesized peptide derived from human ALG1 AA range: 180-230 |
| Specificity | This antibody detects endogenous levels of ALG1 at Human/Mouse |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Dilution | WB 1: 500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Cell Pathway | Endoplasmic reticulum membrane ; Single-pass type II membrane protein . |
| Tissue Specificity | |
| Function | <p>catalytic activity:GDP-mannose + chitobiosyldiphosphodolichol = GDP + beta-1,4-D-mannosyldiphosphodolichol.,disease:Defects in ALG1 are the cause of congenital disorder of glycosylation type 1K (CDG1K) [MIM:608540]. CDGs are a family of severe inherited diseases caused by a defect in protein N-glycosylation. They are characterized by under-glycosylated serum proteins. These multisystem disorders present with a wide variety of clinical features, such as disorders of the nervous system development, psychomotor retardation, dysmorphic features, hypotonia, coagulation disorders, and immunodeficiency. The broad spectrum of features reflects the critical role of N-glycoproteins during embryonic development, differentiation, and maintenance of cell functions.,function:Participates in the formation of the lipid-linked precursor oligosaccharide for N-glycosylation. Involved in assembl</p> |

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| Background | The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type 1k. [provided by RefSeq, Dec 2008], |
| 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

