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Product datasheet for TA331308

ALG10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ALG10 antibody is: synthetic peptide directed towards the middle region of Human ALG10. Synthetic peptide located within the following region: AVFCAGNVIAQKLTEAWKTELQKKEDRLPPIKGPFAEFRKILQFLLAYSM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	ALG10, alpha-1,2-glucosyltransferase
Database Link:	NP_116223 Entrez Gene 84920 Human Q5BKT4
Background:	This gene encodes a membrane-associated protein that adds the third glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation. That is, it transfers the terminal glucose from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide Glc2Man9GlcNAc(2)-PP-Dol. The rat protein homolog was shown to specifically modulate the gating function of the rat neuronal ether-a-go-go (EAG) potassium ion channel.
Synonyms:	ALG10A; DIE2; KCR1

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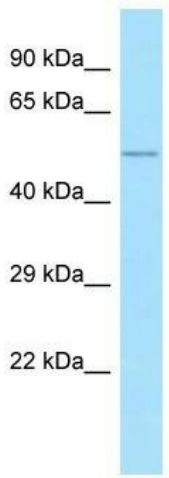
Note: Human: 100%; Rabbit: 90%; Dog: 87%; Pig: 87%; Rat: 87%; Horse: 87%; Bovine: 87%; Guinea pig: 87%; Mouse: 79%

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

Product images:



WB Suggested Anti-ALG10 Antibody; Titration: 1.0 ug/ml; Positive Control: Placenta