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anti-ALG10 antibody (N-Term)



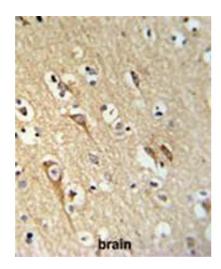


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Quantity:	0.4 mL
Target:	ALG10
Binding Specificity:	AA 23-52, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 23~52 amino acids from the N-terminal region of human ALG10
Isotype:	lg Fraction
Specificity:	This antibody reacts to ALG10.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A
Target Details	
Target:	ALG10

Target Details

Alternative Name:	ALG10 (ALG10 Products)
Background:	ALG10 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: 2-
	glucosyltransferase ALG10-A, ALG10-A, ALG10A, Alpha-1, Alpha-2-glucosyltransferase ALG10-
	A, Asparagine-linked glycosylation protein 10 homolog A
Gene ID:	84920
NCBI Accession:	NP_116223
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ALG10 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ALG10 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of ALG10 Antibody (N-term) in A375 cell line lysates (35 μ g/lane). ALG10 (arrow) was detected using the purified Pab.