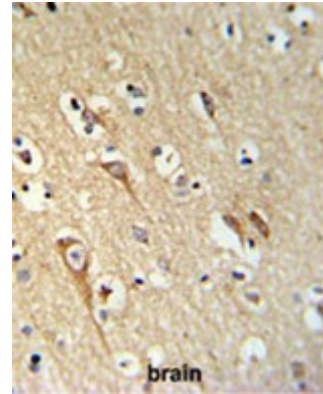


AP50145PU-N**Polyclonal Antibody to ALG10 (N-term) - Aff - Purified**

Alternate names:	2-glucosyltransferase ALG10-A, ALG10-A, ALG10A, Alpha-1, Alpha-2-glucosyltransferase ALG10-A, Asparagine-linked glycosylation protein 10 homolog A
Quantity:	0.4 ml
Concentration:	0.5 mg/ml
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.
Uniprot ID:	Q5BKT4
NCBI:	NP_116223
GeneID:	84920
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 17~43 amino acids from the N-terminal region of human ALG10
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	Western blotting: 1/1000. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to ALG10.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 55606 Da
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. Shelf life: one year from despatch.
General Readings:	1. Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) 2. Seshadri, S., et al. BMC Med. Genet. 8 SUPPL 1, S15 (2007) 3. Kupersmidt, S., et al. FASEB J. 17(15):2263-2265(2003)

Pictures:

ALG10 Antibody (N-term) (Cat. #AP50145PU-N) 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 blot analysis of ALG10 Antibody (N-term) (Cat. #AP50145PU-N) in A375 cell line lysates (35 µg/lane). ALG10 (arrow) was detected using the purified Pab.

