

For Research Use Only

ALG14 Polyclonal antibody, PBS Only

Catalog Number: 16207-1-PBS



Basic Information

Catalog Number: 16207-1-PBS	GenBank Accession Number: BC011706	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 199857	
Source: Rabbit	UNIPROT ID: Q96F25	
Isotype: IgG	Full Name: asparagine-linked glycosylation 14 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG9178	Calculated MW: 216 aa, 24 kDa	

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

ALG14 (UDP-N-Acetylglucosaminyltransferase Subunit ALG14 Homolog) is a protein involved in the process of N-linked glycosylation, which is essential for protein folding and stability. ALG14 forms a heterodimeric UDP-N-acetylglucosamine transferase (GnTase) with ALG13, which catalyzes a key step in the synthesis of the lipid-linked oligosaccharide (LLO) precursor during N-linked glycosylation (PMID: 36200043).

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only

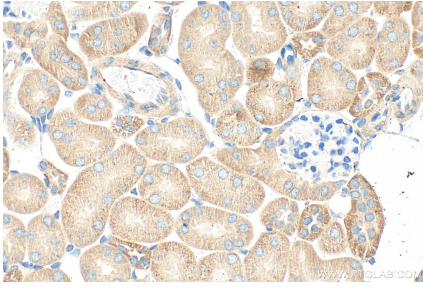
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

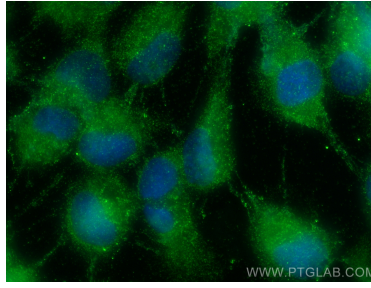
E: proteintech@ptglab.com
W: ptglab.com

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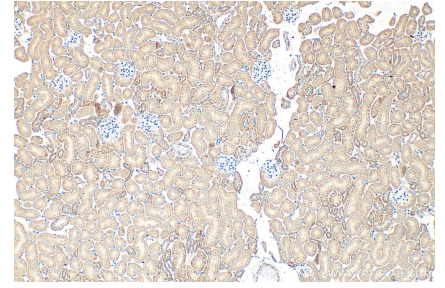
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 16207-1-AP (ALG14 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16207-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using ALG14 antibody (16207-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 16207-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 16207-1-AP (ALG14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16207-1-PBS in a different storage buffer formulation.