

For Research Use Only

ALG14 Polyclonal antibody, PBS Only

Catalog Number: 16207-1-PBS



Basic Information

Catalog Number:

16207-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9178

GenBank Accession Number:

BC011706

GeneID (NCBI):

199857

UNIPROT ID:

Q96F25

Full Name:

asparagine-linked glycosylation 14 homolog (S. cerevisiae)

Calculated MW:

216 aa, 24 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

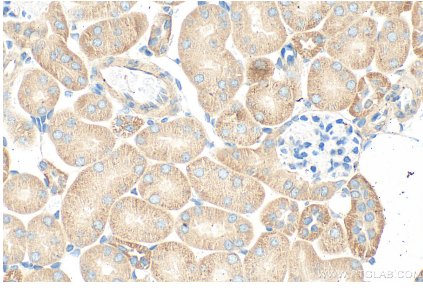
T: 4006900926

E: Proteintech-CN@ptglab.com

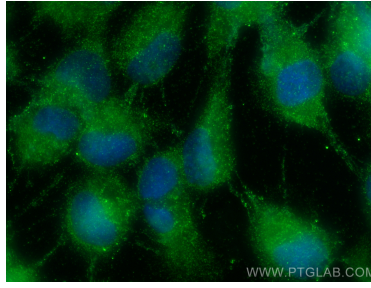
W: ptgcn.com

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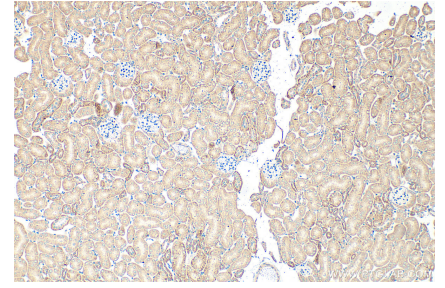
Selected Validation Data



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.