

For Research Use Only

ALG9 Polyclonal antibody, PBS Only

Catalog Number: 29218-1-PBS



Basic Information

Catalog Number:

29218-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30489

GenBank Accession Number:

BC009255

GeneID (NCBI):

79796

UNIPROT ID:

Q9H6U8

Full Name:

asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (*S. cerevisiae*)

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

ALG9 encodes an endoplasmic reticulum enzyme that builds N-glycans, the third ER protein-encoding polycystic disease gene after GANAB and DNAJB11. Autosomal recessive loss of ALG9 results in a severe congenital disorder of glycosylation (CDG) with a multiorgan phenotype that includes kidney cysts (PMID: 31395617). Western blot analysis detected ALG9 at an apparent molecular mass of 70 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

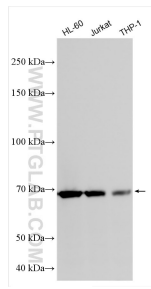
For technical support and original validation data for this product please contact:

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

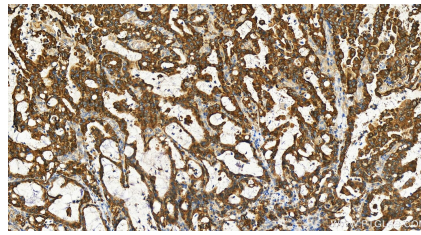
E: proteintech@ptglab.com
W: ptglab.com

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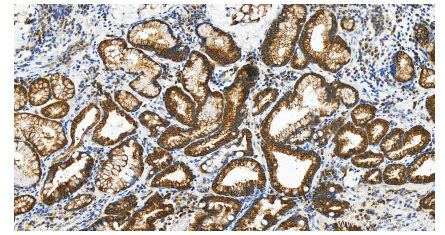
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29218-1-AP (ALG9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29218-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 29218-1-AP (ALG9 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29218-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 29218-1-AP (ALG9 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29218-1-PBS in a different storage buffer formulation.