

For Research Use Only

ALG9 Polyclonal antibody

Catalog Number: 29218-1-AP



Basic Information

Catalog Number:

29218-1-AP

Size:

1000 ug/ml

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

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HL-60 cells, Jurkat cells, THP-1 cells

IHC : human stomach cancer tissue,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

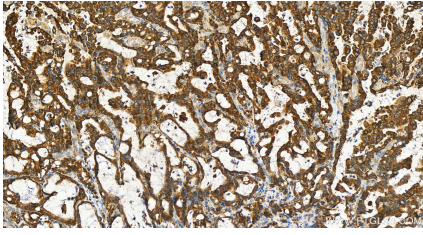
T: 4006900926

E: Proteintech-CN@ptglab.com

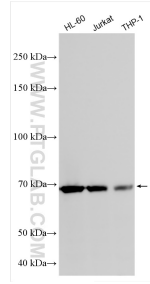
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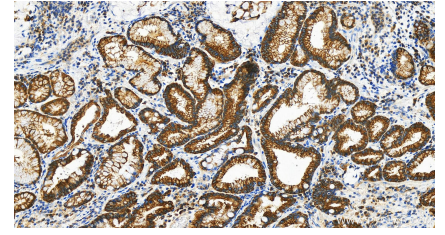
Selected Validation Data



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).



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.



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).