

For Research Use Only

ALG9 Polyclonal antibody

Catalog Number: 29218-1-AP



Basic Information

Catalog Number: 29218-1-AP	GenBank Accession Number: BC009255	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 79796	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9H6U8	
Isotype: IgG	Full Name: asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae)	
Immunogen Catalog Number: AG30489	Calculated MW: 70 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HL-60 cells, Jurkat cells, THP-1 cells IHC : human stomach cancer tissue,
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	

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

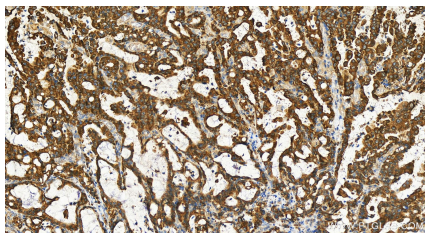
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

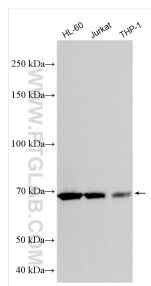
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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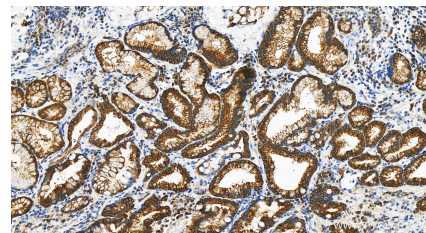
Selected Validation Data



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).