

For Research Use Only

ALG1 Polyclonal antibody

Catalog Number: 12872-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

12872-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3540

GenBank Accession Number:

BC031095

GeneID (NCBI):

56052

UNIPROT ID:

Q9BT22

Full Name:

asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (*S. cerevisiae*)

Calculated MW:

464 aa, 53 kDa

Observed MW:

47-53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

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 : HeLa cells,

IP : HeLa cells,

IHC : human gliomas tissue,

IF/ICC : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Isono Takahiro T	21526146	PLoS One	WB
Aisling Quinlan	39324476	Am J Med Genet A	WB
Roman Sakson	38256263	Int J Mol Sci	WB

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:

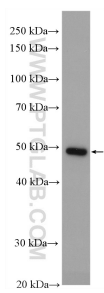
T: 4006900926

E: Proteintech-CN@ptglab.com

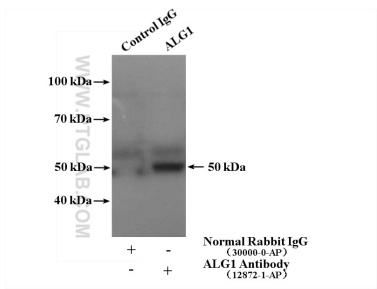
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



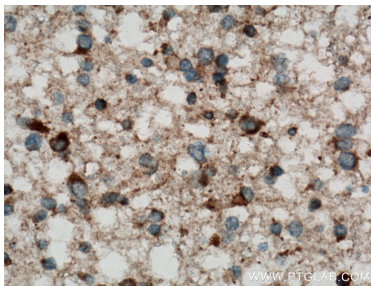
HeLa cells were subjected to SDS PAGE followed by western blot with 12872-1-AP (ALG1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



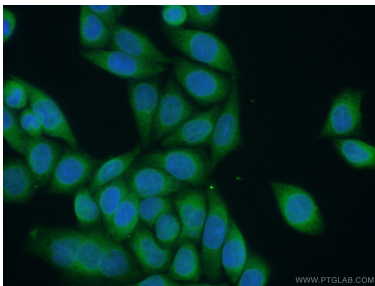
IP result of anti-ALG1 (IP:12872-1-AP, 4ug; Detection:12872-1-AP 1:500) with HeLa cells lysate 3080 ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12872-1-AP (ALG1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12872-1-AP (ALG1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 12872-1-AP (ALG1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).