

For Research Use Only

# Alpha galactosidase A Polyclonal antibody

Catalog Number: 19877-1-AP

1 Publications



## Basic Information

Catalog Number:

19877-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7505

GenBank Accession Number:

BC002689

GeneID (NCBI):

2717

UNIPROT ID:

P06280

Full Name:

galactosidase, alpha

Calculated MW:

49 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:10-1:100

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HEK-293 cells,

IF/ICC : HepG2 cells,

## Background Information

GLA, also named as Melibiase, Agalsidas and Alpha-galactosidase A, Belongs to the glycosyl hydrolase 27 family. It hydrolysis of terminal, non-reducing alpha-D-galactose residues in alpha-D-galactosides, including galactose oligosaccharides, galactomannans and galactolipids. Fabry disease is an X-linked lysosomal storage disorder resulting from the deficient activity of GLA. Enzyme replacement therapy (ERT) with GLA is currently the most effective therapeutic strategy for patients with Fabry disease, a lysosomal storage disease.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xin Zhao	32398959	Int J Biol 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:

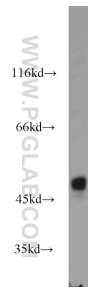
T: 4006900926

E: Proteintech-CN@ptglab.com

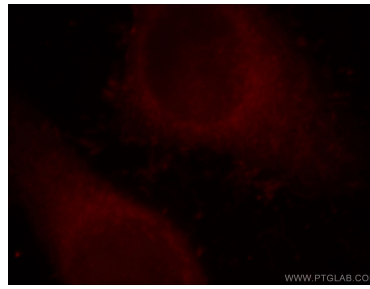
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 19877-1-AP (Alpha galactosidase A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using GLA antibody 19877-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).