

For Research Use Only

AGL Polyclonal antibody

Catalog Number: 16582-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

16582-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9962

GenBank Accession Number:

BC078663

GeneID (NCBI):

178

Full Name:

amyl-1, 6-glucosidase, 4-alpha-glucanotransferase

Calculated MW:

1532 aa, 175 kDa

Observed MW:

165 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse, human, rat

Cited Species:

human, rat, mouse

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 : Jurkat cells, mouse heart tissue, HEK-293 cells, rat heart tissue

IHC : human heart tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Dong-Xue Ding	35281731	iScience	WB
Yujun Wan	34973794	Carbohydr Polym	WB
Antoine Gardin	38015640	J Clin Invest	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

*** 20ul sizes contain 0.1% BSA

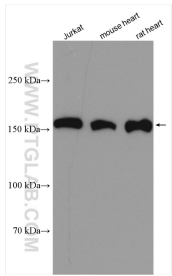
For technical support and original validation data for this product please contact:

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

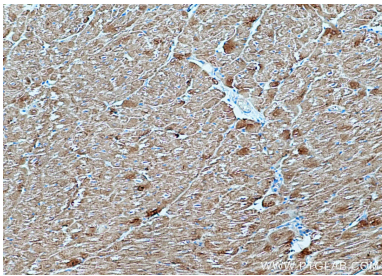
E: proteintech@ptglab.com
W: ptglab.com

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

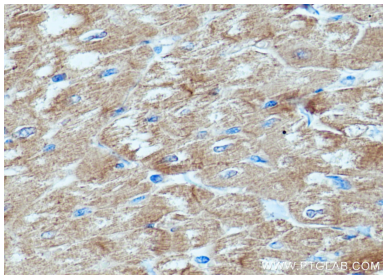
Selected Validation Data



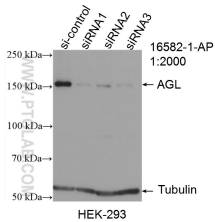
Various lysates were subjected to SDS PAGE followed by western blot with 16582-1-AP (AGL antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16582-1-AP (AGL 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 heart tissue slide using 16582-1-AP (AGL antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of AGL antibody (16582-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AGL transfected HEK-293 cells.