

For Research Use Only

# AGL Polyclonal antibody

Catalog Number: 16582-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

16582-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9962

**GenBank Accession Number:**

BC078663

**GeneID (NCBI):**

178

**UNIPROT ID:**

P35573

**Full Name:**

amylo-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

**Positive Controls:**

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

**IHC:** human heart tissue,

**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

### Notable Publications

| Author         | Pubmed ID | Journal         | Application |
|----------------|-----------|-----------------|-------------|
| Dong-Xue Ding  | 35281731  | iScience        | WB          |
| Yujun Wan      | 34973794  | Carbohydr Polym | WB          |
| Seong Eun Kwak | 38289946  | PLoS One        | 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:

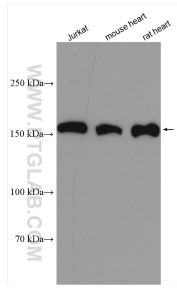
T: 4006900926

E: Proteintech-CN@ptglab.com

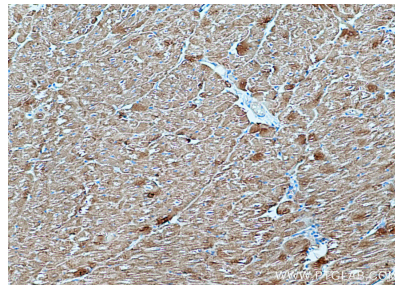
W: ptgcn.com

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

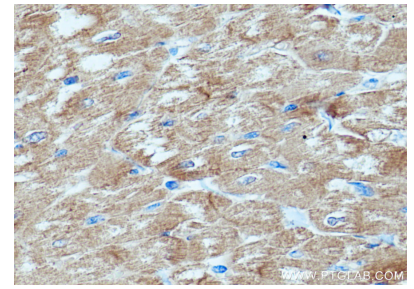
## Selected Validation Data



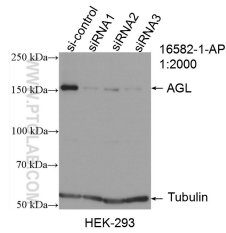
Various lysates were subjected to SDS PAGE followed by western blot with 16582-1-AP (AGL antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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.