

For Research Use Only

# GUCY1A3 Polyclonal antibody

Catalog Number: 12605-1-AP **8 Publications**



## Basic Information

**Catalog Number:**

12605-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3293

**GenBank Accession Number:**

BC028384

**GeneID (NCBI):**

2982

**UNIPROT ID:**

Q02108

**Full Name:**

guanylate cyclase 1, soluble, alpha 3

**Calculated MW:**

690 aa, 77 kDa

**Observed MW:**

77 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 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, 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: human brain tissue, human cerebellum tissue, human kidney tissue, mouse lung tissue

IP: mouse lung tissue,

IHC: human heart tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Andrea de la Fuente-Alonso	33976159	Nat Commun	WB
Catarina Rippe	28465505	Sci Rep	WB, IHC
Wu Yang	34089528	Hepatology	IF

## 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:

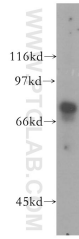
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

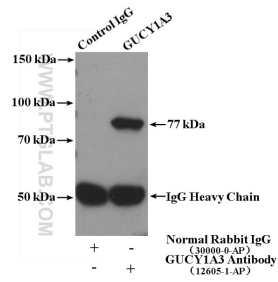
W: [ptgcn.com](http://ptgcn.com)

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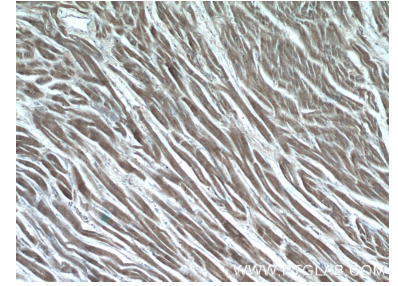
## Selected Validation Data



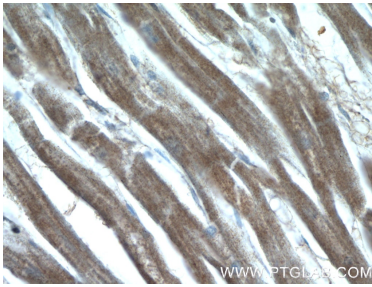
human brain tissue were subjected to SDS PAGE followed by western blot with 12605-1-AP (GUCY1A3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-GUCY1A3 (IP:12605-1-AP, 4ug; Detection:12605-1-AP 1:500) with mouse lung tissue lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 12605-1-AP (GUCY1A3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 12605-1-AP (GUCY1A3 Antibody) at dilution of 1:50 (under 40x lens).