

For Research Use Only

# GUCY1A3 Polyclonal antibody

Catalog Number: 12605-1-AP

10 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:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF

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:

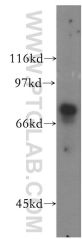
T: 4006900926

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

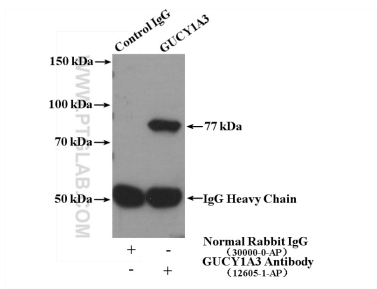
W: [ptgcn.com](http://ptgcn.com)

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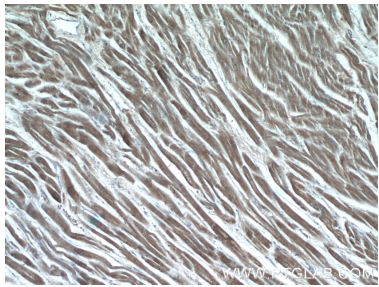
Selected Validation Data



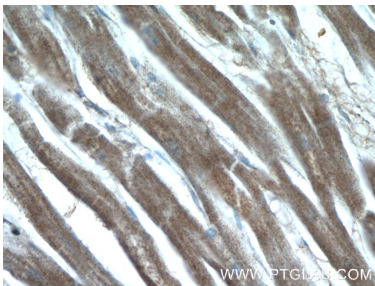
human brain tissue were subjected to SDS PAGE followed by western blot with 12605-1-AP (GUCY1A3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



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).