

For Research Use Only

GYS2 Polyclonal antibody

Catalog Number: 22371-1-AP

15 Publications



Basic Information

Catalog Number:

22371-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18012

GenBank Accession Number:

BC126310

GeneID (NCBI):

2998

UNIPROT ID:

P54840

Full Name:

glycogen synthase 2 (liver)

Calculated MW:

703 aa, 81 kDa

Observed MW:

81 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 : mouse liver tissue, mouse kidney tissue, rat liver tissue

IP : rat liver tissue,

IHC : human liver tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Zejian Liu	36063868	Metabolism	WB
Omer Keinan	34707293	Nature	WB
Xiang Zhang	36396934	Nat Commun	WB, IHC

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

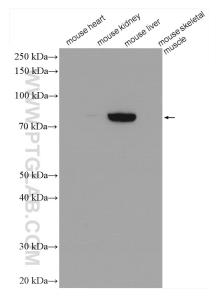
For technical support and original validation data for this product please contact:

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

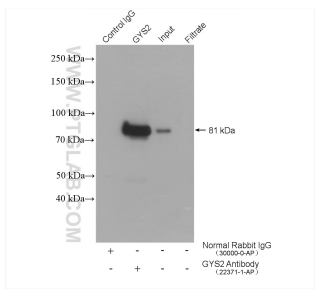
E: proteintech@ptglab.com
W: ptglab.com

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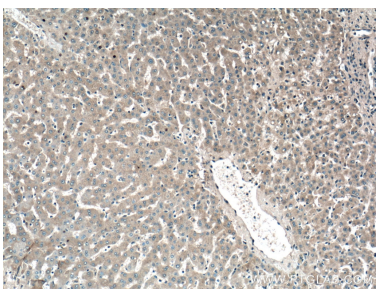
Selected Validation Data



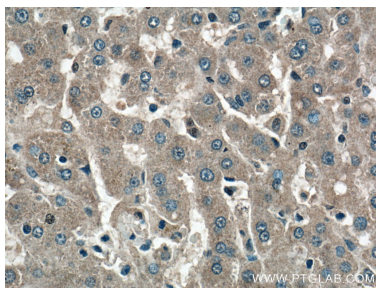
Various lysates were subjected to SDS PAGE followed by western blot with 22371-1-AP (GYS2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. Mouse heart/ kidney/ skeletal muscle are negative control.



IP result of anti-GYS2 (IP:22371-1-AP, 4ug; Detection:22371-1-AP 1:1000) with rat liver tissue lysate 4000 ug.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22371-1-AP (GYS2 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22371-1-AP (GYS2 antibody) at dilution of 1:200 (under 40x lens).