

For Research Use Only

GMPS Polyclonal antibody

Catalog Number: 16376-1-AP **5 Publications**



Basic Information

Catalog Number:
16376-1-AP

Size:
150ul, Concentration: 450 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9350

GenBank Accession Number:
BC012178

GeneID (NCBI):
8833

Full Name:
guanine monphosphate synthetase

Calculated MW:
693 aa, 77 kDa

Observed MW:
67 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
IHC, WB

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: HeLa cells, HL-60 cells, Jurkat cells, mouse brain tissue, mouse testis tissue

IP: HeLa cells,

IHC: human liver cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Jing Wang	34520390	Aging (Albany NY)	WB
Yajing Lv	33186350	PLoS Biol	WB, IHC
Eunus S Ali	32485148	Mol Cell	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**

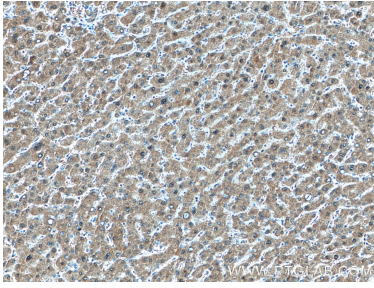
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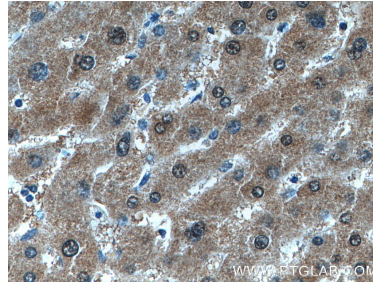
E: proteintech@ptglab.com
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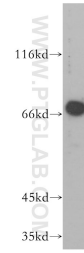
Selected Validation Data



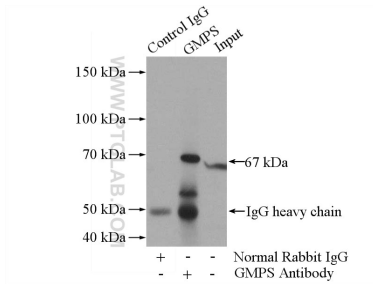
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16376-1-AP (GMPS antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16376-1-AP (GMPS antibody) at dilution of 1:100 (under 40x lens).



HeLa cells were subjected to SDS PAGE followed by western blot with 16376-1-AP (GMPS antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP Result of anti-GMPS (IP:16376-1-AP, 4ug; Detection:16376-1-AP 1:800) with HeLa cells lysate 1080ug.