

For Research Use Only

PGM2 Polyclonal antibody

Catalog Number: 11022-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

11022-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1488

GenBank Accession Number:

BC010087

GeneID (NCBI):

55276

UNIPROT ID:

Q96G03

Full Name:

phosphoglucomutase 2

Calculated MW:

68 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

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 : HEK-293 cells, human brain tissue, fetal human brain tissue

IP : HEK-293 cells,

IHC : human pancreas cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Yingying Lyu	39286116	Heliyon	WB,IF
Owen S Skinner	37198474	Nat Metab	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

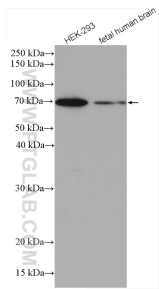
For technical support and original validation data for this product please contact:

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

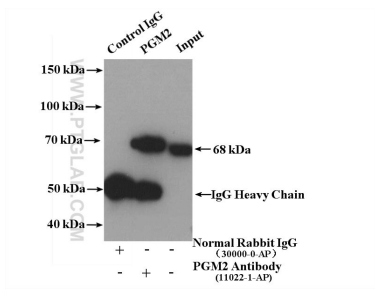
E: proteintech@ptglab.com
W: ptglab.com

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

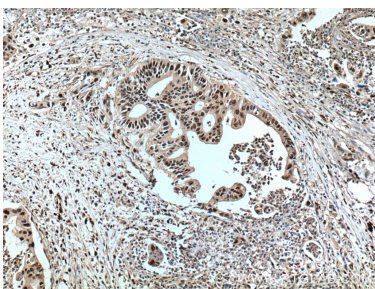
Selected Validation Data



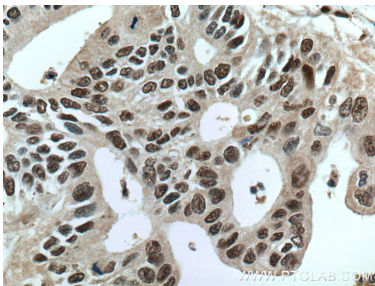
Various lysates were subjected to SDS PAGE followed by western blot with 11022-1-AP (PGM2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PGM2 (IP:11022-1-AP, 4ug; Detection:11022-1-AP 1:200) with HEK-293 cells lysate 2400 ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11022-1-AP (PGM2 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 pancreas cancer tissue slide using 11022-1-AP (PGM2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).