

For Research Use Only

INPP5B Polyclonal antibody

Catalog Number: 15141-1-AP

5 Publications



Basic Information

Catalog Number:

15141-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7315

GenBank Accession Number:

BC058932

GeneID (NCBI):

3633

UNIPROT ID:

P32019

Full Name:

inositol polyphosphate-5-phosphatase, 75kDa

Calculated MW:

113 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, 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 : mouse spleen tissue, HeLa cells, human placenta tissue

IHC : mouse pancreas tissue,

Background Information

INPP5B (Type II inositol 1,4,5-trisphosphate 5-phosphatase) is also named as OCRL2, SPTase, 75 kDa inositol polyphosphate-5-phosphatase and belongs to the inositol 1,4,5-trisphosphate 5-phosphatase type II family. This protein, originally described in platelets, is one of at least three known enzymes capable of dephosphorylating inositol-1,4,5-trisphosphate (IP3) to inositol-1,4-bisphosphate (IP2) (PMID:8125013). It has 4 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Shen	36150660	Biochim Biophys Acta Mol Basis Dis	WB
Megan L Gliozzi	31676724	J Am Soc Nephrol	WB
Jun Deng	35568951	Cancer Cell Int	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

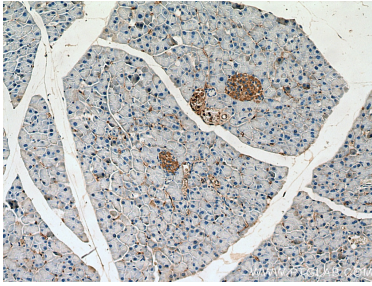
For technical support and original validation data for this product please contact:

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

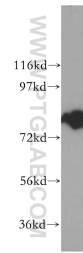
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15141-1-AP (INPP5B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 15141-1-AP (INPP5B antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.