

For Research Use Only

INPP4B Polyclonal antibody

Catalog Number: 15890-1-AP



Basic Information

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| Catalog Number: 15890-1-AP | GenBank Accession Number: BC005273 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 1100 ug/ml by Nanodrop; | GeneID (NCBI): 8821 | Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: O15327 | |
| Isotype: IgG | Full Name: inositol polyphosphate-4-phosphatase, type II, 105kDa | |
| Immunogen Catalog Number: AG8676 | Calculated MW: 53 aa, 6 kDa | |
| | Observed MW: 100-110 kDa | |

Applications

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| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human | WB : MCF-7 cells, IHC : human lung cancer tissue, |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

INPP4B (Inositol polyphosphate 4-phosphatase type II) can catalyze the hydrolysis of the 4-position phosphate of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate and inositol 3,4-trisphosphate (PMID: 24070612; 24591580). It also Plays a role in the late stages of macropinocytosis by dephosphorylating phosphatidylinositol 3,4-bisphosphate in membrane ruffles (PMID: 24591580).

Storage

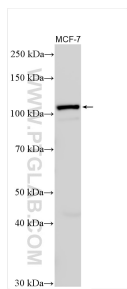
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

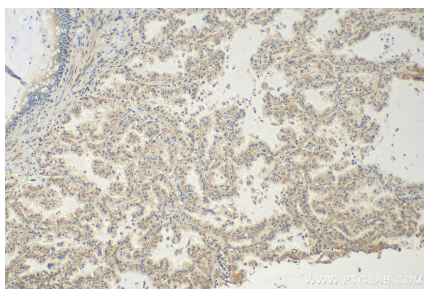
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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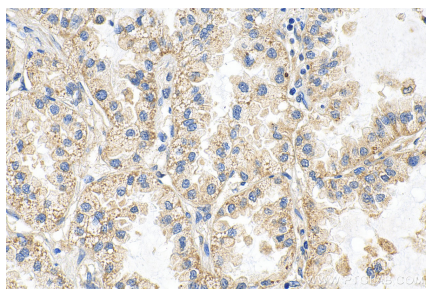
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15890-1-AP (INPP4B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15890-1-AP (INPP4B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15890-1-AP (INPP4B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).