

For Research Use Only

# INPP4B Polyclonal antibody

Catalog Number: 15890-1-AP



## Basic Information

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

## Applications

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

## 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**

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

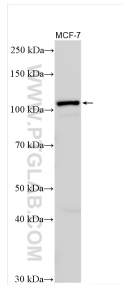
T: 4006900926

E: Proteintech-CN@ptglab.com

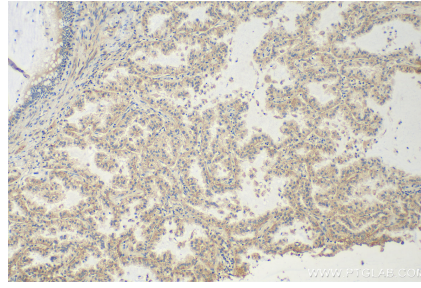
W: ptgcn.com

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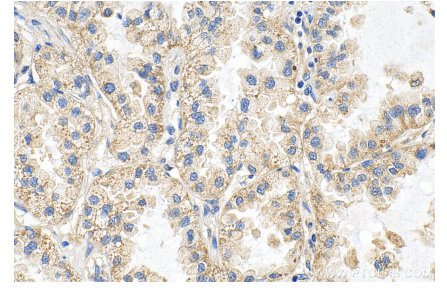
## Selected Validation Data



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).