

For Research Use Only

# PIK3C2B Polyclonal antibody

Catalog Number: 24788-1-AP

2 Publications



## Basic Information

Catalog Number:

24788-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20474

GenBank Accession Number:

BC132876

GeneID (NCBI):

5287

UNIPROT ID:

O00750

Full Name:

phosphoinositide-3-kinase, class 2, beta polypeptide

Calculated MW:

1634 aa, 185 kDa

Observed MW:

160-185 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:100-1:400

IF/ICC 1:10-1:100

## Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB

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 : HeLa cells, Jurkat cells

IP : HeLa cells,

IHC : human skeletal muscle tissue,

IF/ICC : HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jiawen Lyu	29660285	Anal Chem	
Ru-Xu Sun	37436898	Cell Rep	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

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

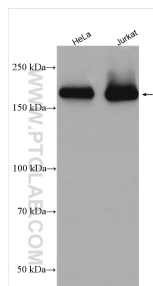
T: 4006900926

E: Proteintech-CN@ptglab.com

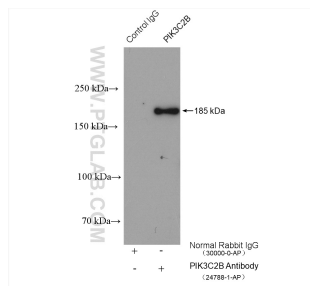
W: ptgcn.com

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

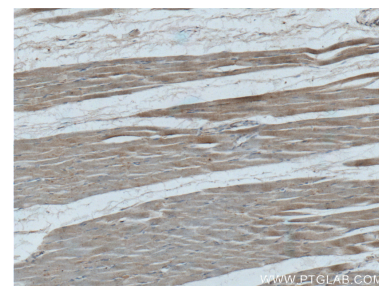
## Selected Validation Data



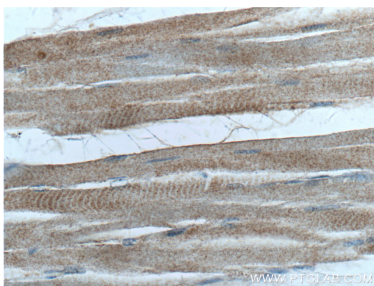
Various lysates were subjected to SDS PAGE followed by western blot with 24788-1-AP (PIK3C2B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



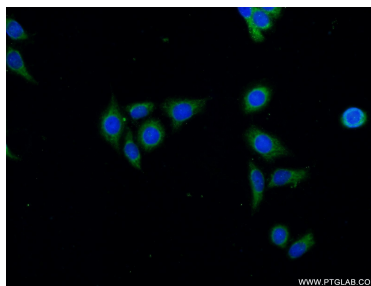
IP result of anti-PIK3C2B (IP:24788-1-AP, 4ug; Detection:24788-1-AP 1:1500) with HeLa cells lysate 1240 ug.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24788-1-AP (PIK3C2B Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24788-1-AP (PIK3C2B Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 24788-1-AP (PIK3C2B antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).