

For Research Use Only

PIK3C2B Polyclonal antibody

Catalog Number: 24788-1-AP **2 Publications**



Basic Information

Catalog Number: 24788-1-AP	GenBank Accession Number: BC132876	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5287	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB
Source: Rabbit	Full Name: phosphoinositide-3-kinase, class 2, beta polypeptide	IHC 1:100-1:400 IF 1:10-1:100
Isotype: IgG	Calculated MW: 1634 aa, 185 kDa	
Immunogen Catalog Number: AG20474	Observed MW: 160-185 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, Jurkat cells
Species Specificity: human	IP : HeLa cells,
Cited Species: human	IHC : human skeletal muscle tissue, IF : HeLa cells,

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

Notable Publications

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

Storage

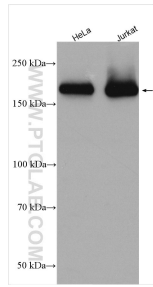
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

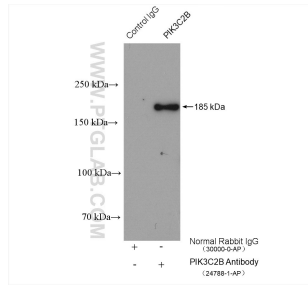
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

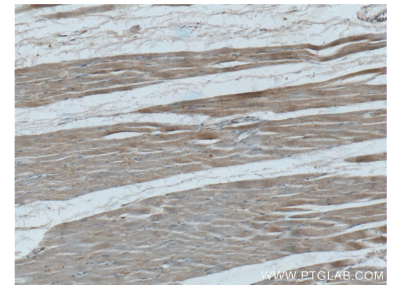
Selected Validation Data



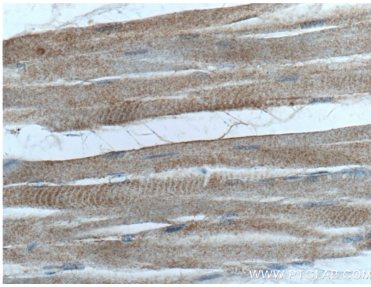
Various lysates were subjected to SDS PAGE followed by western blot with 24788-1-AP (PIK3C2B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



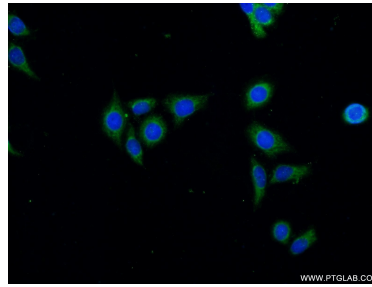
IP result of anti-PIK3C2B (IP:24788-1-AP, 4 μ g; Detection:24788-1-AP 1:1500) with HeLa cells lysate 1240 μ g.



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).