

For Research Use Only

PIK3C2A Polyclonal antibody

Catalog Number: 22028-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

22028-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16894

GenBank Accession Number:

BC113658

GeneID (NCBI):

5286

UNIPROT ID:

O00443

Full Name:

phosphoinositide-3-kinase, class 2, alpha polypeptide

Calculated MW:

1686 aa, 191 kDa

Observed MW:

191 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:8000

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

IHC 1:1000-1:4000

IF 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human, rat

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, PC-3 cells, human placenta tissue

IP: PC-3 cells,

IHC: mouse ovary tissue, mouse heart tissue

IF: HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Glenn F W Walpole	35484249	Nat Cell Biol	WB
Huayi Li	35098698	Adv Sci (Weinh)	WB, IF
Ellis L Ryan	34005327	J Cell Sci	WB, IF

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:

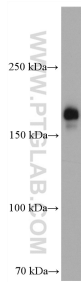
T: 4006900926

E: Proteintech-CN@ptglab.com

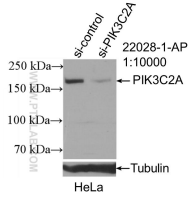
W: ptgcn.com

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

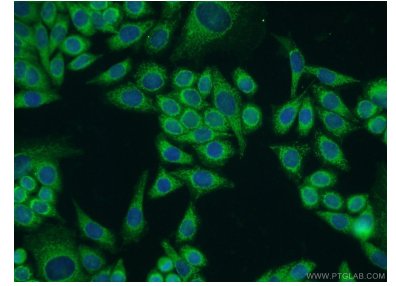
Selected Validation Data



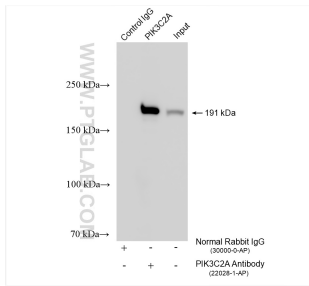
HeLa cells were subjected to SDS PAGE followed by western blot with 22028-1-AP (PIK3C2A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



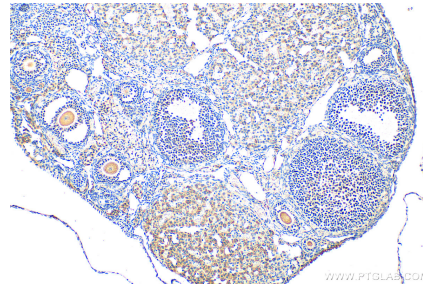
WB result of PIK3C2A antibody (22028-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PIK3C2A transfected HeLa cells.



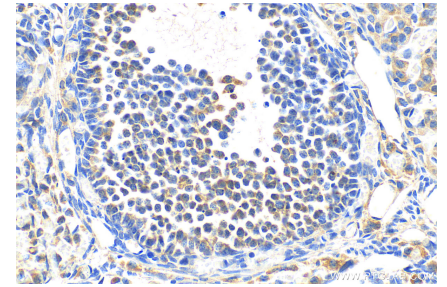
Immunofluorescent analysis of HeLa cells using 22028-1-AP (PIK3C2A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-PIK3C2A (IP:22028-1-AP, 4ug; Detection:22028-1-AP 1:15000) with PC-3 cells lysate 1480 ug.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 22028-1-AP (PIK3C2A antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 22028-1-AP (PIK3C2A antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).