

For Research Use Only

# PI3 Kinase p110 Gamma Polyclonal antibody

Catalog Number: 20662-1-AP

7 Publications



## Basic Information

Catalog Number:

20662-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002649

GeneID (NCBI):

5294

UNIPROT ID:

P48736

Full Name:

phosphoinositide-3-kinase, catalytic, gamma polypeptide

Calculated MW:

126 kDa

Observed MW:

100-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

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

IHC 1:200-1:800

## Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

Rat, mouse

Cited Species:

human, mouse

**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 : mouse skeletal muscle tissue, rat skeletal muscle tissue

IP : mouse liver tissue,

IHC : mouse skeletal muscle tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyan Wan	32603600	Am J Physiol Endocrinol Metab	WB
Jin-Feng Wang	39644117	Biofactors	WB
Weixing Yang	39579820	Int J Biol Macromol	IHC

## 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:

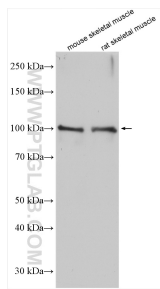
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

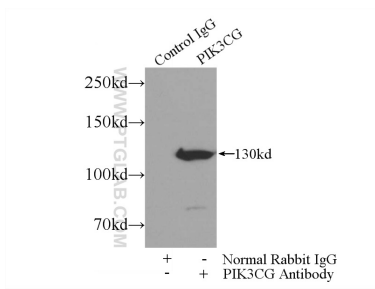
W: [ptgcn.com](http://ptgcn.com)

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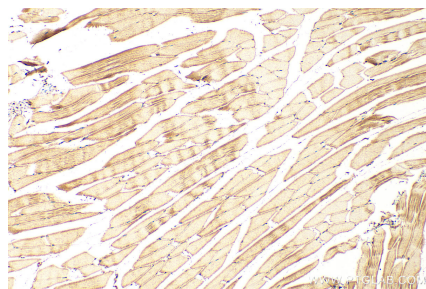
## Selected Validation Data



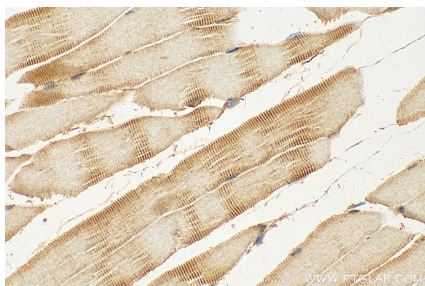
Various lysates were subjected to SDS PAGE followed by western blot with 20662-1-AP (PI3 Kinase p110 Gamma antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-PI3 Kinase p110 Gamma (IP:20662-1-AP, 5ug; Detection:20662-1-AP 1:300) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 20662-1-AP (PI3 Kinase p110 Gamma antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with .



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 20662-1-AP (PI3 Kinase p110 Gamma antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with .