

For Research Use Only

PRKAR2B Polyclonal antibody

Catalog Number: 28351-1-AP **1 Publications**



Basic Information

Catalog Number:

28351-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28787

GenBank Accession Number:

BC075800

GeneID (NCBI):

5577

UNIPROT ID:

P31323

Full Name:

protein kinase, cAMP-dependent, regulatory, type II, beta

Calculated MW:

418 aa, 46 kDa

Observed MW:

46-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IF 1:200-1:800

Applications

Tested Applications:

FC, IF/ICC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : Y79 cells, human testis tissue, mouse brain tissue, mouse eye tissue, rat brain tissue, mouse testis tissue

IP : mouse brain tissue,

IF : Neuro-2a cells, SH-SY5Y cells

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Enyi Zhu	38332898	J Inflamm Res	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:

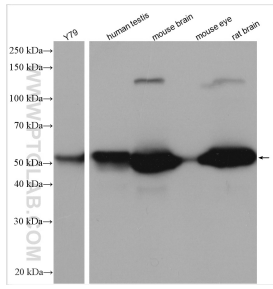
T: 4006900926

E: Proteintech-CN@ptglab.com

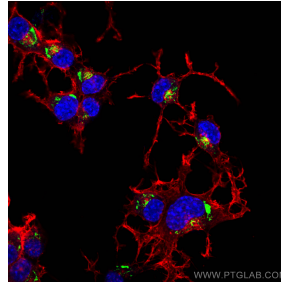
W: ptgcn.com

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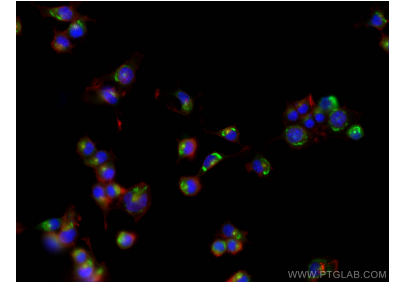
Selected Validation Data



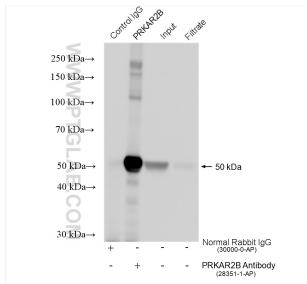
Various lysates were subjected to SDS PAGE followed by western blot with 28351-1-AP (PRKAR2B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



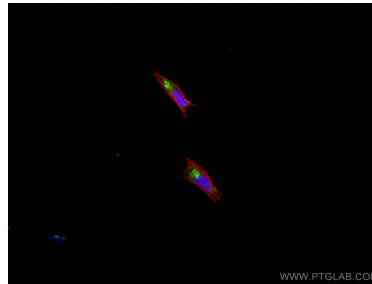
Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



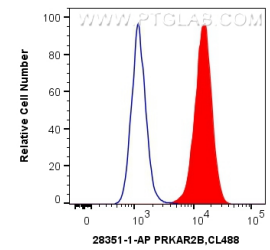
Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP result of anti-PRKAR2B (IP:28351-1-AP, 4ug; Detection:28351-1-AP 1:1000) with mouse brain tissue lysate 1080 ug.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug Anti-Human PRKAR2B (28351-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).