

For Research Use Only

PRKAR2B Polyclonal antibody, PBS Only

Catalog Number: 28351-1-PBS



Basic Information

Catalog Number:

28351-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

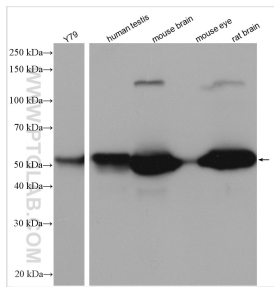
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

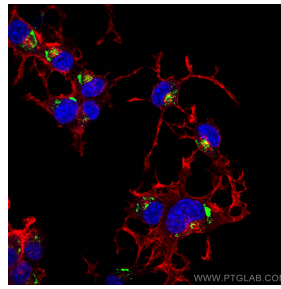
E: proteintech@ptglab.com
W: ptglab.com

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

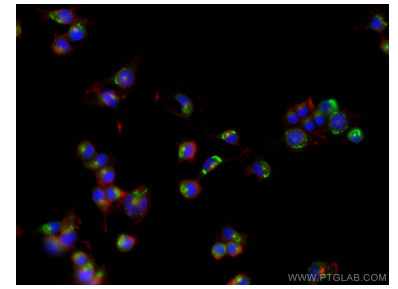
Selected Validation Data



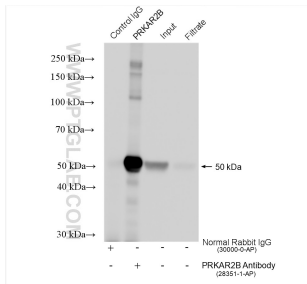
Various lysates were subjected to SDS PAGE followed by western blot with 28351-1-AP (PRKAR2B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



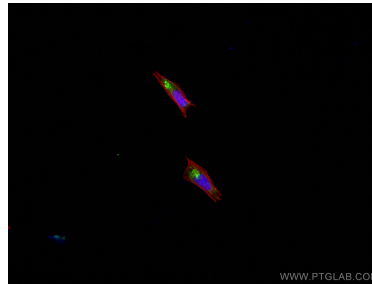
Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



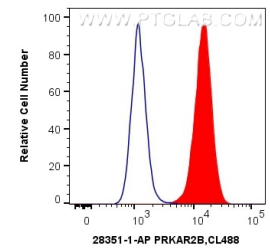
Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



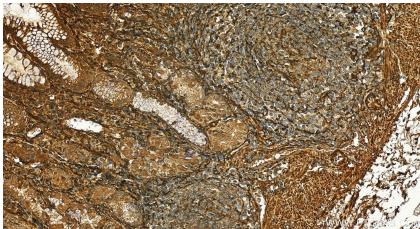
IP result of anti-PRKAR2B (IP:28351-1-AP, 4ug; Detection:28351-1-AP 1:1000) with mouse brain tissue lysate 1080 ug. This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



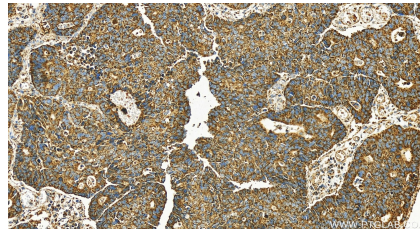
Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using PRKAR2B antibody (28351-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 28351-1-AP (PRKAR2B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 28351-1-AP (PRKAR2B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28351-1-PBS in a different storage buffer formulation.