

For Research Use Only

# PCYT1A Recombinant antibody, PBS Only

Catalog Number: 83100-1-PBS



## Basic Information

Catalog Number:

83100-1-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34268

GenBank Accession Number:

NM\_005017

GeneID (NCBI):

5130

UNIPROT ID:

P49585

Full Name:

phosphate cytidyltransferase 1,  
choline, alpha

Calculated MW:

42 kDa

Observed MW:

38-41 kDa

Purification Method:

Protein A purification

CloneNo.:

230393B4

## Applications

Tested Applications:

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

Species Specificity:

human, mouse

## Background Information

### Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

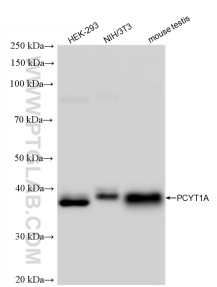
T: 4006900926

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

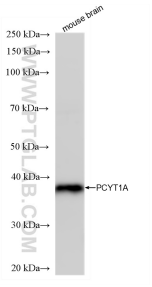
W: [ptgcn.com](http://ptgcn.com)

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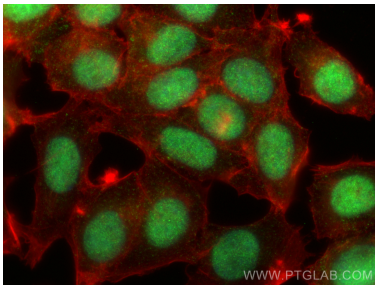
Selected Validation Data



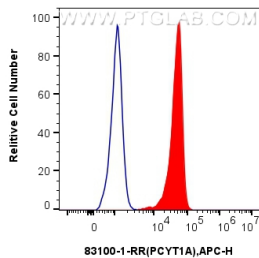
Various lysates were subjected to SDS PAGE followed by western blot with 83100-1-RR (PCYT1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



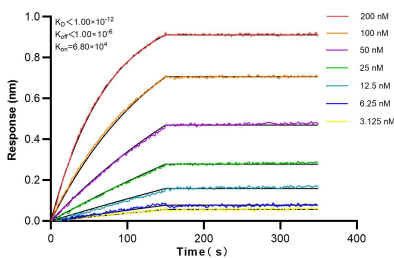
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Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PCYT1A antibody (83100-1-RR, Clone: 230393B4 ) at dilution of 1:400 and Multi-rAb Coralite Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.25 ug Anti-Human PCYT1A (83100-1-RR, Clone:230393B4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 83100-1-PBS in a different storage buffer formulation.



Bioluminescence resonance energy transfer (BRET) kinetic assays of 83100-1-RR against Human PCYT1A were performed. The affinity constant is below 1 pM.