

For Research Use Only

PCYT1A Recombinant antibody

Catalog Number: 83100-1-RR



Basic Information

Catalog Number:

83100-1-RR

Size:

1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

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

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, NIH/3T3 cells, mouse testis tissue,
mouse brain tissue

IF/ICC : MCF-7 cells,

Background Information

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:

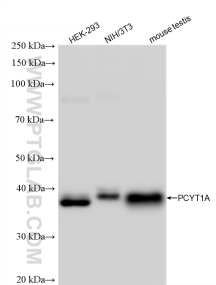
T: 4006900926

E: Proteintech-CN@ptglab.com

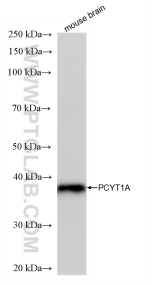
W: ptgcn.com

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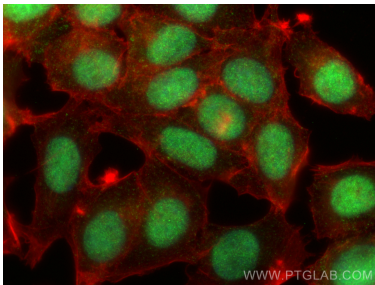
Selected Validation Data



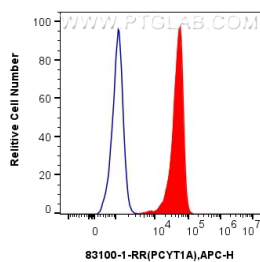
Various lysates were subjected to SDS PAGE followed by western blot with 83100-1-RR (PCYT1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



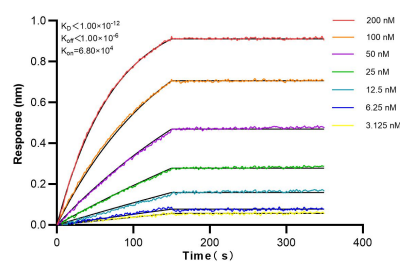
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Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using PCYT1A antibody (83100-1-RR, Clone: 230393B4) at dilution of 1:400 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).



1x10⁶ 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.



Biolayer interferometry (BLI) kinetic assays of 83100-1-RR against Human PCYT1A were performed. The affinity constant is below 1 pM.