

For Research Use Only

PCYT1A Recombinant antibody

Catalog Number: 83100-1-RR



Basic Information

Catalog Number: 83100-1-RR	GenBank Accession Number: NM_005017	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5130	CloneNo.: 230393B4
Source: Rabbit	UNIPROT ID: P49585	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: phosphate cytidyltransferase 1, choline, alpha	
Immunogen Catalog Number: AG34268	Calculated MW: 42 kDa	
	Observed MW: 38-41 kDa	

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,

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

*** 20ul sizes contain 0.1% BSA

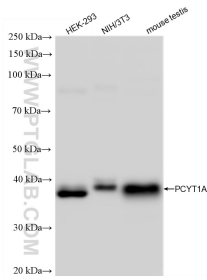
For technical support and original validation data for this product please contact:

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

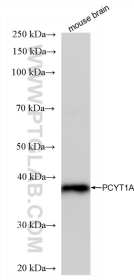
E: proteintech@ptglab.com
W: ptglab.com

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

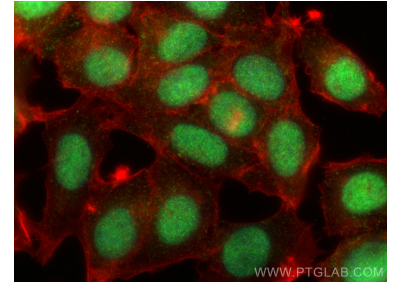
Selected Validation Data



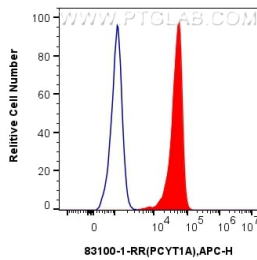
Various lysates were subjected to SDS PAGE followed by western blot with 83100-1-RR (PCYT1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



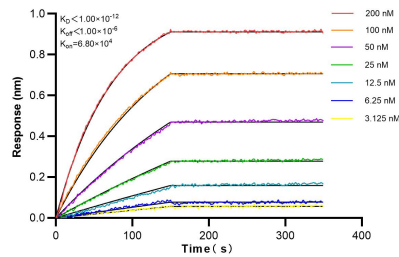
Various lysates were subjected to SDS PAGE followed by western blot with 83100-1-RR (PCYT1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.