

For Research Use Only

TCP1 eta Monoclonal antibody, PBS Only

Catalog Number: 67540-1-PBS

Featured Product



Basic Information

Catalog Number: 67540-1-PBS	GenBank Accession Number: BC019296	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10574	CloneNo.: 2C1G1
Source: Mouse	UNIPROT ID: Q99832	
Isotype: IgG1	Full Name: chaperonin containing TCP1, subunit 7 (eta)	
Immunogen Catalog Number: AG9502	Calculated MW: 543 aa, 59 kDa	
	Observed MW: 59 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

CCT7 is a subunit of CCT complex-a large cytosolic chaperonin complex composed of two hetero-oligomeric stacked rings able to interact with nascent polypeptides, which mediates protein folding in an ATP-dependent manner and prevents aggregation in eukaryotes. Each ring consists of eight different subunits (CCT1 to CCT8). CCT7 is involved in preventing aggregation of GPCRs and in regulating their expression, maturation, and transport to the cell surface.

Storage

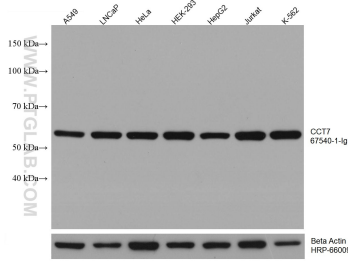
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

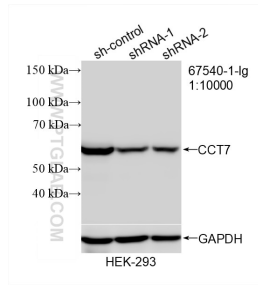
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

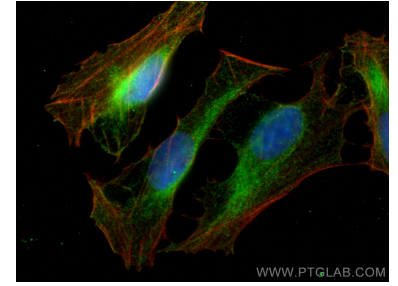
Selected Validation Data



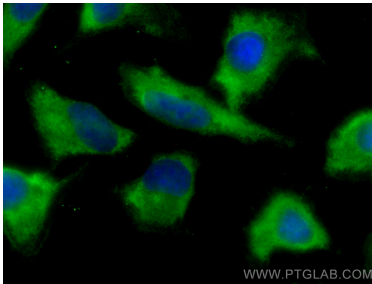
Various lysates were subjected to SDS PAGE followed by western blot with 67540-1-Ig (CCT7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67540-1-PBS in a different storage buffer formulation.



WB result of CCT7 antibody (67540-1-Ig: 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCT7 transfected HEK-293 cells. This data was developed using the same antibody clone with 67540-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CCT7 antibody (67540-1-Ig, Clone: 2C1G1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67540-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CCT7 antibody (67540-1-Ig, Clone: 2C1G1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67540-1-PBS in a different storage buffer formulation.