

For Research Use Only

CCT3 Recombinant monoclonal antibody

Catalog Number: 87920-1-RR



Basic Information

Catalog Number: 87920-1-RR	GenBank Accession Number: BC006501	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7203	CloneNo.: 260042D9
Source: Rabbit	UNIPROT ID: P49368	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: chaperonin containing TCP1, subunit 3 (gamma)	
Immunogen Catalog Number: AG0843	Calculated MW: 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, Jurkat cells, U2OS cells, mouse brain tissue, rat brain tissue, mouse kidney tissue
Species Specificity: human, mouse, rat	

Background Information

CCT3 protein (full name: chaperonin containing TCP1 subunit 3, also known as the gamma subunit of TCP-1 protein) is an important member of the TCP-1 chaperonin family. As one of the eight essential subunits of the CCT/TRiC complex, its core function is to act as a molecular chaperone that assists in the correct folding of other cellular proteins under ATP hydrolysis. It is particularly involved in the folding process of key cytoskeletal components such as actin and tubulin, while also participating in important biological activities including ciliogenesis and telomere maintenance.

Storage

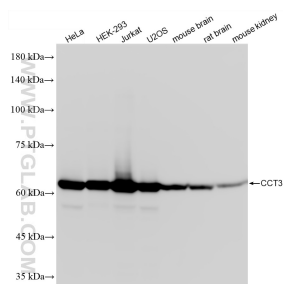
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

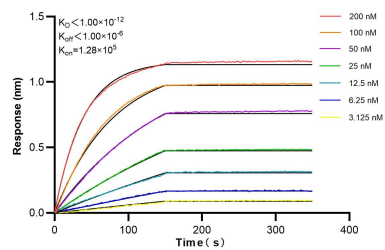
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87920-1-RR (CCT3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87920-1-RR against Human CCT3 were performed. The affinity constant is below 1 pM.