

For Research Use Only

CCT4 Monoclonal antibody

Catalog Number: 67455-1-Ig



Basic Information

Catalog Number: 67455-1-Ig	GenBank Accession Number: BC106934	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 625 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10575	CloneNo.: 3C6A6
Source: Mouse	Full Name: chaperonin containing TCP1, subunit 4 (delta)	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 539 aa, 58 kDa	
Immunogen Catalog Number: AG17084	Observed MW: 55-58 kDa	

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rabbit, Pig

Positive Controls:

WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, pig brain tissue, rabbit brain tissue, mouse brain tissue

Background Information

T-complex protein 1 subunit delta (CCT4) is a component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis (PMID:25467444). As part of the TRiC complex, it may play a role in regulating telomere maintenance (PMID:25467444) and assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PMID:20080638). CCT4 has 2 isoforms produced by alternative splicing with the MW of 55 kDa and 58 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

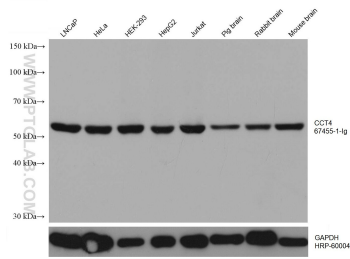
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67455-1-Ig (CCT4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.