

Product datasheet for **TA335689**

TCP1 delta (CCT4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC, WB
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-CCT4 Antibody: synthetic peptide directed towards the C terminal of human CCT4. Synthetic peptide located within the following region: AFADAMEVIPSTLAENAGLNPISTVTELRNRHAQGEKTAGINVRKGGISN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	chaperonin containing TCP1 subunit 4
Database Link:	NP_006421 Entrez Gene 29374 Rat P50991
Background:	CCT4 is a subunit of a cytosolic hetero-oligomeric chaperone that is known to be involved in the folding of actin and tubulin. This protein is a member of the chaperonin family, which includes Escherichia coli GroEL, the mitochondrial heat-shock protein Hsp60, the plastid Rubisco-subunit-binding protein and the archaeobacterial protein TF55.
Synonyms:	CCT-DELTA; Cctd; SRB

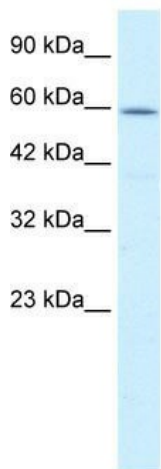


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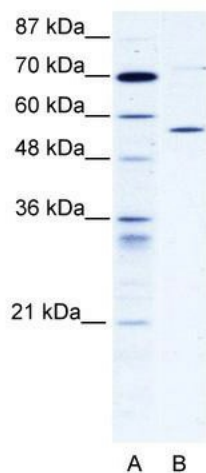
Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Yeast: 100%; Dog: 93%; Pig: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Zebrafish: 93%; Guinea pig: 93%; Goat: 79%

Protein Families: Druggable Genome

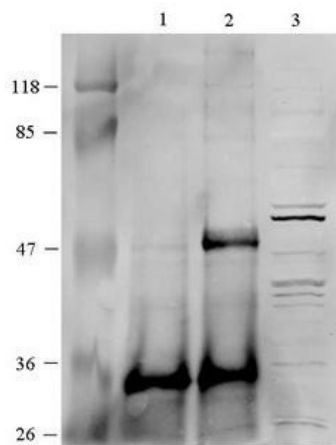
Product images:



WB Suggested Anti-CCT4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate; CCT4 is supported by BioGPS gene expression data to be expressed in HepG2



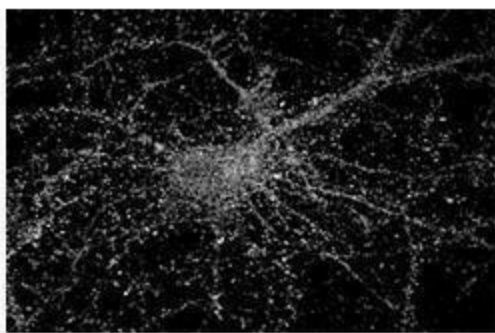
CCT4 antibody - C-terminal region validated by WB using 293T cells lysate; CCT4 is supported by BioGPS gene expression data to be expressed in HEK293T



CCT4 (C-term) blot

CCT4

Lanes: Lane 1: Negative control (anti-FLAG antibody); Lane 2: Immunoprecipitation with CCT4 (C-term); Lane 3: 10 ug lysate; Primary Antibody Dilution: ; 1:1000; Secondary Antibody: ; Goat anti-rabbit; Secondary Antibody Dilution: ; 1:10000; Gene Name: ; CCT4; Submitted by: ; Amy Gray, Department of Chemistry and Biochemistry Brigham Young University; CCT4 is supported by BioGPS gene expression data to be expressed in HEK293T



White: CCT4

Sample Type : Rat Hippocampal Neurons - 14DIV
 Primary Antibody Dilution : 1:200 Secondary Antibody Dilution : 1:500 Color/Signal Descriptions : White:
 CCT4 Gene Name : CCT4 Submitted by : Dan Fowler - University of Oregon, Institute of Neuroscience