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Product datasheet for TA335688

TCP1 delta (CCT4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC, WB
Reactivity:	Human, 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:	Affinity 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 RatEntrez Gene 10575 Human P50991
Background:	The CCT (chaperonin containing TCP-1) complex functions as a molecular chaperone in the eukaryotic cytosol. CCT4 interacts with human cyclin E which has been implicated in positive control of the G1/S phase transition.
Synonyms:	CCT-DELTA; Cctd; SRB
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%

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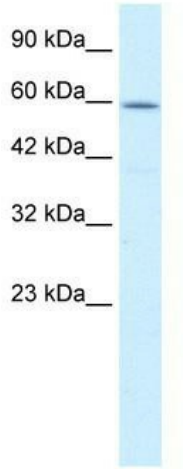
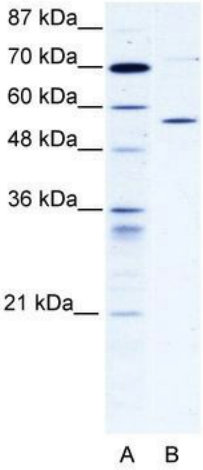
Protein Families: Druggable Genome

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

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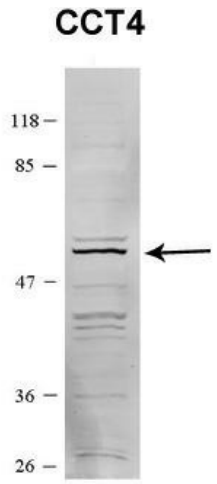
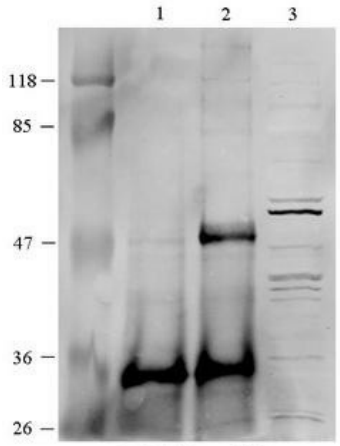
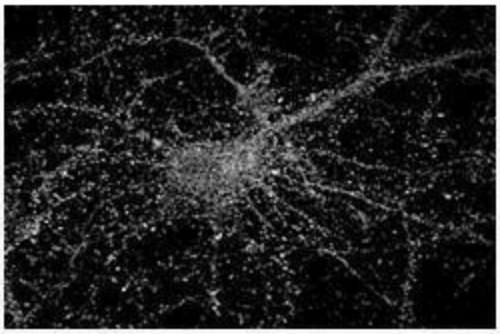


CCT4 antibody - C-terminal region validated by WB using HEK 293T cells at 1:1,000 dilution for antibody samples and 1:10,000 for secondary antibodies.CCT4 is supported by BioGPS gene expression data to be expressed in HEK293T



CCT4 (C-term) blot

Sample: HEK 293 cells; Dilution: 1 to 1000.CCT4 is supported by BioGPS gene expression data to be expressed in HEK293



White: CCT4

Sample Type. Rat Hippocampal Neurons - 14DIVPrimary Antibody Dilution. 1:200 Secondary Antibody. Anti-rabbit-Cy3Secondary Antibody Dilution. 1:500Color/Signal Descriptions. White: CCT4Gene Name. CCT4Submitted by. Dan Fowler - University of Oregon, Institute of Neuroscience

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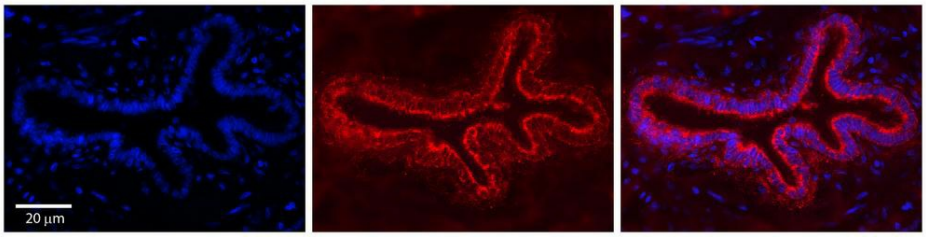

Rabbit Anti-CCT4 Antibody; Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue; Observed Staining: Cytoplasmic; Primary Antibody Concentration: 1:100; Secondary Antibody: Donkey anti-Rabbit-Cy3; Secondary Antibody Concentration: 1:200; Magnification: 20X; Exposure Time: 0.5–2.0 sec;

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