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Datasheet for ABIN2775694
anti-CCT4 antibody (C-Term)

5 Images

2 Publications

Overview

Quantity:	100 µL
Target:	CCT4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Saccharomyces cerevisiae, Goat, Zebrafish (Danio rerio), Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CCT4
Sequence:	AFADAMEVIP STLAENAGLN PISTVTELRN RHAQGEKTAG INVRKGGISN
Predicted Reactivity:	Cow: 93%, Dog: 93%, Goat: 79%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 100%, Yeast: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against CCT4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CCT4
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Target Details

Alternative Name:	CCT4 (CCT4 Products)
Background:	<p>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.</p> <p>Alias Symbols: SRB, Cctd, CCT-DELTA</p> <p>Protein Interaction Partner: HUWE1, TP53, FUS, CDC20, NEDD1, TUBG1, LGALS3BP, UBC, STAU1, MDM2, RFWD2, VRK2, PRPF40A, CCT7, USP9X, VARS, CCT3, CCT6A, FBXO6, UBD, FBXW4, CDK9, CDK5, CDK2, CD81, IGSF8, HDAC11, HDAC3, RPS6KA1, ILK, ICAM1, PAN2, VCAM1, PPP5C, PEX14, NOS2, US3, FAM86B2, C</p> <p>Protein Size: 539</p>
Molecular Weight:	58 kDa
Gene ID:	10575
NCBI Accession:	NM_006430 , NP_006421
UniProt:	Q53QP9
Pathways:	Embryonic Body Morphogenesis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 539 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

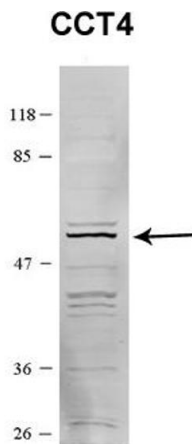
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



See Immunoblot 2 Data and Customer Feedback tab for more information.



Western Blotting

Image 1. Sample Type: HEK 293 (10ug)

Primary Dilution: 1:1000

Secondary Antibody: conjugated goat anti-rabbit

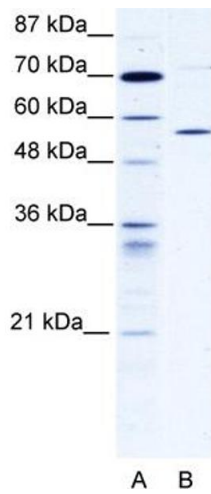
Secondary Dilution: 1:10,000

Image Submitted By: Amy Gray

Brigham Young University

Western Blotting

Image 2. 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



Western Blotting

Image 3. 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

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2775694.