

Datasheet for ABIN2789485
anti-CCT2 antibody (Middle Region)

2 Images

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Overview

Quantity:	100 µL
Target:	CCT2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of CCT2
Sequence:	RVDSTAKVAE IEHAEKEKMK EKVERILKHG INCFINRQLI YNYPEQLFGA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 85%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against CCT2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CCT2
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Target Details

Alternative Name:	CCT2 (CCT2 Products)
Background:	<p>The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin.</p> <p>Alias Symbols: 99D8.1, CCT-beta, CCTB, MGC142074, MGC142076, PR01633, TCP-1-beta</p> <p>Protein Interaction Partner: SSSCA1, HUWE1, UBC, TP53, FUS, TUBG1, LGALS3BP, CDC20, NEDD1, STAU1, SUMO1, NEDD8, MDM2, WWOX, VRK2, CCT8, CCT7, IQGAP1, CCT6A, PRPF40A, CCT5, EEF1D, CCT3, PSMB8, FBXO6, FBXW4, NPM1, ILK, CDK5, CDK2, HDAC3, PAN2, US3, FAM86B2, METTL18, CAMKMT, METTL21B, V</p> <p>Protein Size: 535</p>
Molecular Weight:	59 kDa
Gene ID:	10576
NCBI Accession:	NM_006431 , NP_006422
UniProt:	P78371

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 535 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.

Images


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Host: Rabbit

Target Name: Cct2

Sample Type: Mouse Kidney Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Mouse Target Name: CCT2 Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Western Blotting

Image 2. WB Suggested Anti-CCT2 Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell CCT2 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells