Datasheet for ABIN1881183

anti-CCT7 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	CCT7
Binding Specificity:	AA 64-92, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CCT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the N-terminal region of human CCT7.
Clone:	RB42785
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CCT7
Alternative Name:	CCT7 (CCT7 Products)

Target Details

Background:	This gene encodes 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. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6.
Molecular Weight:	59367
NCBI Accession:	NP_001009570, NP_001159756, NP_001159757, NP_006420
UniProt:	Q99832

Application Details

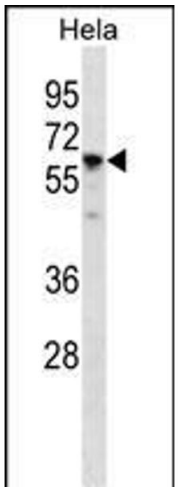
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat model with myocardial infarction." in: **Life sciences**, Vol. 191, pp. 157-165, (2017) (PubMed). Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents High Fat Diet-Induced Insulin Resistance in Rats." in: **Journal of diabetes research**, Vol. 2015, pp. 760535, (2016) (PubMed).



Western Blotting

Image 1. CCT7 Antibody (N-term) (ABIN1881183 and ABIN2839101) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the CCT7 antibody detected the CCT7 protein (arrow).