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Datasheet for ABIN2784636 anti-CCT7 antibody (Middle Region)

3 Images



Overview

Target:	CCT7
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Horse, Dog,
	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CCT7
Sequence:	RAIKNDSVVA GGGAIEMELS KYLRDYSRTI PGKQQLLIGA YAKALEIIPR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
	100%, Rat: 100%, Yeast: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CCT7. It was validated on Western Blot using a cell
	lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CCT7

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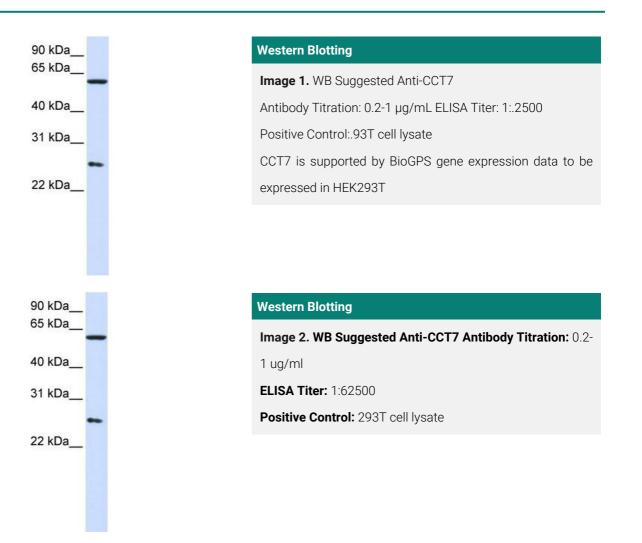
Target Details		
Alternative Name:	CCT7 (CCT7 Products)	
Background:	CCT7 is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. 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. 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. Alternate transcriptional splice variants encoding different isoforms have been found for this gene, but only two of them have been characterized to date. Alias Symbols: CCT-ETA, Ccth, MGC110985, Nip7-1, TCP-1-eta, CCTH, CCTETA, NIP7-1, TCP1ETA Protein Interaction Partner: SSSCA1, TP53, FUS, HUWE1, NEDD1, UBC, TUBG1, SUM02, LGALS3BP, CDC20, MDM2, WWOX, ASB7, CCT3, CCT6A, PRPF40A, CCT5, CCT8, CCT2, CCT4, FBXO6, UBD, FBXW4, BAG3, HDAC6, HDAC3, ILK, CDK5, CDK2, AICDA, PAN2, METTL21B, VCAM1, FAM86B2, METTL18, PEX14, NOS2, NKX3- Protein Size: 543	
Molecular Weight:	60 kDa	
Gene ID:	10574	
NCBI Accession:	NM_006429, NP_006420	
UniProt:	Q99832	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 543 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	

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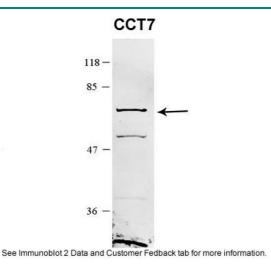
Handling

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.
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



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Western Blotting

Image 3. 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

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