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anti-CCT6B antibody (N-Term)

Images



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Quantity:	100 μL
Target:	CCT6B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT6B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CCT6B
Sequence:	VARTSLQTKV HAELADVLTE VVVDSVLAVR RPGYPIDLFM VEIMEMKHKL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CCT6B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CCT6B

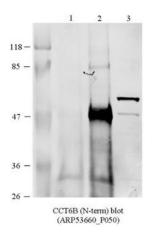
Target Details

Alternative Name:	CCT6B (CCT6B Products)	
Background:	CCT6B 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 of this gene have been observed but have not been	
	thoroughly characterized.	
	Alias Symbols: CCT-zeta-2, CCTZ-2, Cctz2, TCP-1-zeta-2, TSA303	
	Protein Interaction Partner: UBC, FAM86B2, METTL18, METTL21B, PAXIP1, CCT5, CCT2, CCT4	
	CCT3, TCP1, EIF4B, UBASH3B, FBXW8, PPP2R2D, STRN,	
	Protein Size: 530	
Molecular Weight:	58 kDa	
Gene ID:	10693	
NCBI Accession:	NM_006584, NP_006575	
UniProt:	Q92526	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 530 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
	Lot specific	
Concentration:	zet epeeme	

Handling

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



Western Blot
Lane 1: negative control (anti-FLAG antibody
Lane 2: immunoprecipitation with indicated CCT6B (N-term)
Lane 3: 10ug lysate

Dilution: 1:1,000

Western Blotting

Image 1. WB Suggested Anti-CCT4 Antibody Titration: 1 ug/ml

Lane 1: 10ug of HEK293

90 kDa
65 kDa
40 kDa
31 kDa
22 kDa

Western Blotting

Image 2. WB Suggested Anti-CCT6B Antibody Titration:

0.2-1 ug/ml

Positive Control: 721_B cell lysate