

Rabbit CCT4 Polyclonal Antibody | anti-CCT4 antibody

CCT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328803	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Rabbit, Dog, Xenopus	Western Blot

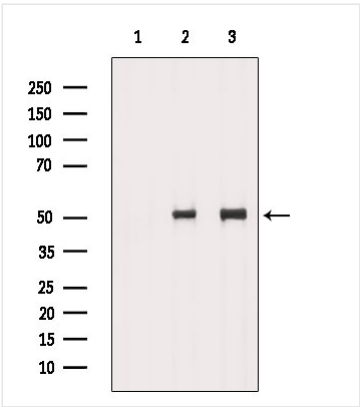
PRODUCT SYNONYMS

CCT4; Polyclonal Antibody; CCT4 Antibody; CCT delta; CCTD; chaperonin containing t-complex polypeptide 1; delta subunit; chaperonin containing TCP1; subunit 4 (delta); SRB; Stimulator of TAR RNA binding; T complex protein 1 subunit delta; TCP-1-delta; anti-CCT4 antibody

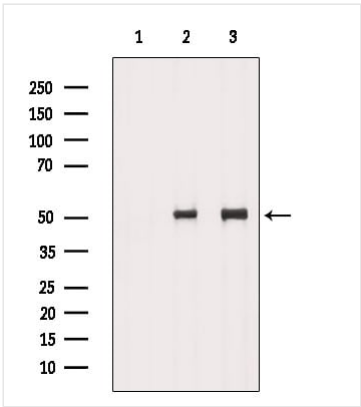
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	CCT4 Antibody detects endogenous levels of CCT4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-CCT4 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CCT4.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Cytoskeleton
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from various samples, using CCT4 Antibody. Lane 1: B16F10, treated with blocking peptide; Lane 2: B16F10; Lane 3: Mouse brain. Observed bands: 50 kDa.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using CCT4 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCT4 antibody	Description: Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin.
	Subunit Structure: Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG. Component of the BBS/CCT complex composed at least of MKKS, BBS10, BBS12, TCP1, CCT2, CCT3, CCT4, CCT5 AND CCT8. Interacts with DNAAF4 (By similarity).
	Similarity: Belongs to the TCP-1 chaperonin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	375477430
NCBI GeneID	10575
NCBI Accession #	NP_001243650.1
NCBI GenBank Nucleotide #	NP_001243650.1
UniProt Accession #	P50991
Molecular Weight	Observed: 58 kDa Predicted: 58 kDa
NCBI Official Full Name	T-complex protein 1 subunit delta isoform b
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 4
NCBI Official Symbol	CCT4
NCBI Official Synonym Symbols	SRB; Cctd; CCT-DELTA
NCBI Protein Information	T-complex protein 1 subunit delta
UniProt Protein Name	T-complex protein 1 subunit delta
UniProt Gene Name	CCT4
UniProt Synonym Gene Names	CCTD; SRB; TCP-1-delta
UniProt Entry Name	TCPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cct4-antibody-western-blot-elisa/328803>