

Rabbit CCT4 Polyclonal Antibody | anti-CCT4 antibody

CCT4 Antibody (N-term)

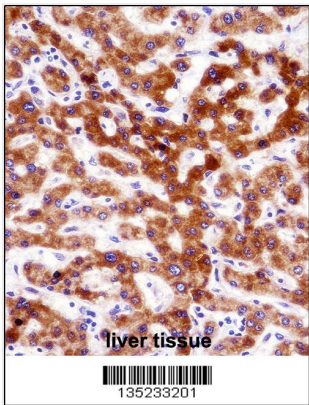
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288806	Rabbit	Human (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

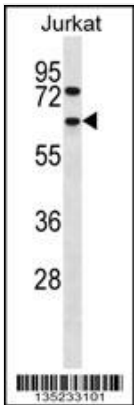
CCT4; Polyclonal Antibody; CCT4 Antibody (N-term); T-complex protein 1 subunit delta; TCP-1-delta; CCT-delta; Stimulator of TAR RNA-binding; CCTD; SRB; anti-CCT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human CCT4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	4-32
Sequence Length	509
Applicable Applications for anti-CCT4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CCT4 Antibody (N-term) (AAA288806)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CCT4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CCT4 Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the CCT4 antibody detected the CCT4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCT4 antibody	The chaperonin containing TCP1 (MIM 186980) complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin (see MIM 102560) and tubulin (see MIM 191130), as well as alpha-transducin (MIM 139330) (Won et al., 1998 [PubMed 9819444]).
Product Categories/Family for anti-CCT4 antibody	Signal Transduction
References	Mukherjee, K., et al. BMC Evol. Biol. 10, 64 (2010) : Zebol, J.R., et al. Int. J. Biochem. Cell Biol. 41(4):822-827(2009) Chi, A., et al. J. Proteome Res. 5(11):3135-3144(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Imai, Y., et al. J. Biol. Chem. 278(51):51901-51910(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	375477430
NCBI GeneID	10575
NCBI Accession #	NP_001243650.1; NP_006421.2
NCBI GenBank Nucleotide #	NM_001256721.1
UniProt Accession #	P50991; O14870; Q53QP9; Q96C51; B2R6I3; B7Z8B1; F5H5W3
Molecular Weight	57924
NCBI Official Full Name	T-complex protein 1 subunit delta isoform b
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 4 (delta)
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://www.aaabiotech.com/polyclonal/cct4-antibody-immunohistochemistry-western-blot-elisa/288806>