

AP50829PU-N**Polyclonal Antibody to CCT4 / TCP1 delta (N-term) - Aff - Purified**

Alternate names:	CCT delta, CCTD, SRB, Stimulator of TAR RNA-binding, T-complex protein 1 subunit delta
Quantity:	0.4 ml
Concentration:	lot specific
Background:	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]).
Uniprot ID:	P50991
NCBI:	NP_006421
GeneID:	10575
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 3-32 amino acids from the N-terminal region of human CCT4
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	57924 Da
Specificity:	This antibody reacts to CCT4.
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Mukherjee, K., et al. BMC Evol. Biol. 10, 64 (2010) 2. Zebol, J.R., et al. Int. J. Biochem. Cell Biol. 41(4):822-827(2009) 3. Chi, A., et al. J. Proteome Res. 5(11):3135-3144(2006) 4. Hillier, L.W., et al. Nature 434(7034):724-731(2005) 5. Imai, Y., et al. J. Biol. Chem. 278(51):51901-51910(2003)

Pictures:

CCT4 Antibody (N-term) (Cat. #AP50829PU-N) western blot analysis in Jurkat cell line lysates (35µg/lane). This demonstrates the CCT4 antibody detected the CCT4 protein (arrow).

