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Polyclonal Antibody to CCT4 / TCP1 delta (N-term) - Aff - Purified AP50829PU-N CCT delta, CCTD, SRB, Stimulator of TAR RNA-binding, T-complex protein 1 subunit Alternate names: 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 alphatransducin (MIM 139330) (Won et al., 1998 [PubMed 9819444]). **Uniprot ID:** P50991 NCBI: NP 006421 GenelD: 10575

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Immunogen:	KLH conjugated synthetic peptide between 3-32 amino acids from the N-terminal region of human CCT4
Format:	State: Liquid purified lg 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.

Specificity: This antibody reacts to CCT4.

57924 Da

Rabbit / Ig

Species Reactivity: Tested: Human.

Host / Isotype:

Molecular Weight:

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)

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ORIGENE	AP50829PU-N: Polyclonal Antibody to CCT4 / TCP1 delta (N-term) - Aff - Purified		
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).	Jurkat 95 72 55 36 28	

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