

Rabbit CCT8 Polyclonal Antibody | anti-CCT8 antibody

CCT8 Antibody (C-term)

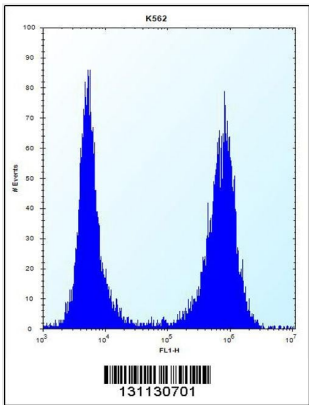
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283989	Rabbit	Human (Predicted Reactivity: Monkey, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

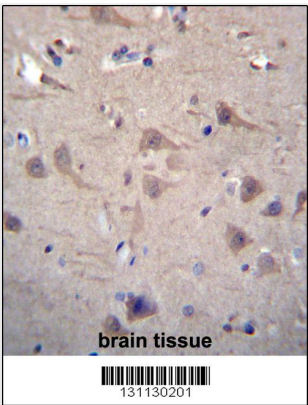
CCT8; Polyclonal Antibody; CCT8 Antibody (C-term); T-complex protein 1 subunit theta; TCP-1-theta; CCT-theta; Renal carcinoma antigen NY-REN-15; C21orf112; CCTQ; KIAA0002; anti-CCT8 antibody

PRODUCT SPECIFICATIONS

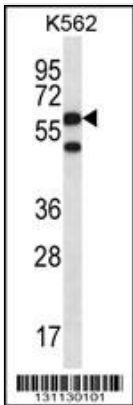
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 519-548 amino acids from the C-terminal region of human CCT8.
Purity/Purification	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: 0.35 (varies by lot)
Sequence Positions	519-548
Sequence Length	548
Applicable Applications for anti-CCT8 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
CCT8 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CCT8 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CCT8 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CCT8 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the CCT8 antibody detected the CCT8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCT8 antibody	Molecular chaperone; CCT8 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.
Product Categories/Family for anti-CCT8 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) Kim, S.C., et al. Mol. Cell 23(4):607-618(2006) Hu, Y.H., et al. BMC Genomics 7, 155 (2006) : Wang, L., et al. J. Mol. Med. 83(10):812-821(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762932
NCBI GeneID	10694
NCBI Accession #	NP_006576.2
NCBI GenBank Nucleotide #	NM_006585.3

UniProt Accession #	P50990; Q4VBP8; A6NN54; B4DEM7; B4DQH4
Molecular Weight	59621
NCBI Official Full Name	T-complex protein 1 subunit theta isoform 1
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 8 (theta)
NCBI Official Symbol	CCT8
NCBI Official Synonym Symbols	Cctq; PRED71; D21S246; C21orf112
NCBI Protein Information	T-complex protein 1 subunit theta
UniProt Protein Name	T-complex protein 1 subunit theta
UniProt Gene Name	CCT8
UniProt Synonym Gene Names	C21orf112; CCTQ; KIAA0002; TCP-1-theta
UniProt Entry Name	TCPQ_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/cct8-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283989>