

Rabbit anti-Human, Mouse CCT8 Polyclonal Antibody | anti-CCT8 antibody

CCT8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325205	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

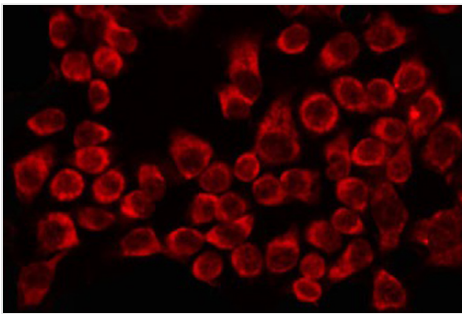
PRODUCT SYNONYMS

CCT8; Polyclonal Antibody; CCT8 Antibody; C21orf112; CCT 8; CCT theta; CCTQ; Chaperonin containing TCP1 subunit 8 (theta); Chaperonin subunit 8 (Theta) (Predicted); isoform CRA_a; Chaperonin subunit 8 (theta); Chromosome 21 open reading frame 112; D21S246; KIAA0002; PRED71; Renal carcinoma antigen NY REN 15; T complex protein 1 subunit theta; T complex protein 1 theta subunit; TCP 1 theta; Tcpg; anti-CCT8 antibody

PRODUCT SPECIFICATIONS

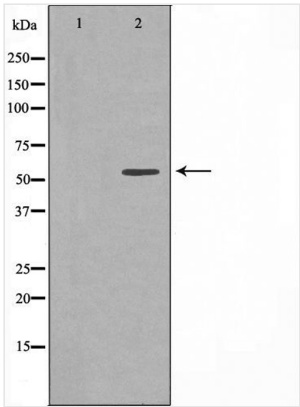
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CCT8 antibody detects endogenous levels of total CCT8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-CCT8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Cytoplasm; Cytoskeleton; Centrosome
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (91%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325205 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using CCT8 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCT8 antibody

Function: 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 #	544711041
NCBI GeneID	10694
NCBI Accession #	NP_001269836.1
NCBI GenBank Nucleotide #	NM_001282907.1
UniProt Accession #	P50990; Q4VBP8; A6NN54; B4DEM7; B4DQH4
Molecular Weight	Observed: 59 kD Predicted: 60 kDa
NCBI Official Full Name	T-complex protein 1 subunit theta isoform 2
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 8
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

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.