

Rabbit CCT5 Polyclonal Antibody | anti-CCT5 antibody

CCT5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325203	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

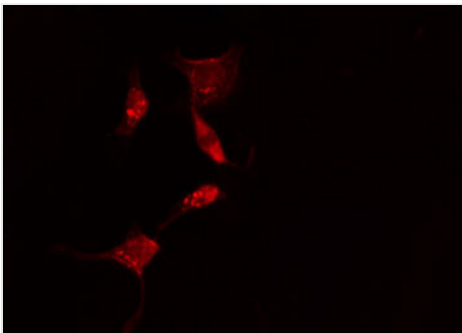
PRODUCT SYNONYMS

CCT5; Polyclonal Antibody; CCT5 Antibody; CCT 5; CCT epsilon; CTE; CCTepsilon; Chaperonin containing T-complex polypeptide 1; subunit 5; Chaperonin containing TCP 1 epsilon; Chaperonin containing TCP 1 subunit 5; Chaperonin containing TCP 1 subunit 5 epsilon; Chaperonin containing TCP1 epsilon; Chaperonin containing TCP1 subunit 5; Chaperonin containing TCP1 subunit 5 epsilon; KIAA0098; T complex protein 1 epsilon subunit; T complex protein 1 subunit epsilon; TCP 1 epsilon; TCP1epsilon; TCPE; anti-CCT5 antibody

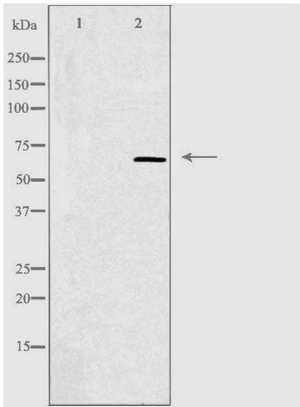
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CCT5 antibody detects endogenous levels of total CCT5
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	448
Applicable Applications for anti-CCT5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm; Cytoskeleton and Centrosome.
Tissue Specificity	Down-regulated in response to enterovirus 71 (EV71) infection (at protein level).
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (92%), Horse (100%), Sheep (92%), Rabbit (92%), Dog (100%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325203 staining HepG2 cells 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) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using CCT5 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCT5 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807066364
NCBI GeneID	22948
NCBI Accession #	NP_001293084.1
NCBI GenBank Nucleotide #	NM_001306155.1
UniProt Accession #	P48643; A8JZY8; A8K2X8; B4DYD8
Molecular Weight	Observed: 67 kD Predicted: 60 kDa
NCBI Official Full Name	T-complex protein 1 subunit epsilon isoform d
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 5
NCBI Official Symbol	CCT5
NCBI Official Synonym Symbols	CCTE; HEL-S-69; PNAS-102; CCT-epsilon; TCP-1-epsilon
NCBI Protein Information	T-complex protein 1 subunit epsilon
UniProt Protein Name	T-complex protein 1 subunit epsilon
UniProt Gene Name	CCT5
UniProt Synonym Gene Names	; TCP-1-epsilon

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.