Rabbit CCT3 Polyclonal Antibody | anti-CCT3 antibody

CCT3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288512	**Rabbit**	**Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat, Xenopus)**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

CCT3; Polyclonal Antibody; CCT3 Antibody (Center); T-complex protein 1 subunit gamma; TCP-1-gamma; CCT-gamma; hTRiC5; CCTG; TRIC5; anti-CCT3 antibody

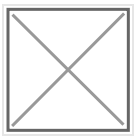
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 298-326 amino acids from the Central region of human CCT3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	298-326
Sequence Length	507
Applicable Applications for anti-CCT3 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.

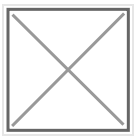
IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using CCT3 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with CCT3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CCT3 (arrow) using rabbit polyclonal CCT3 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CCT3 gene (Lane 2).



WB (Western Blot)
Western blot analysis of CCT3 Antibody (Center) in MCF7,CEM,K562,HL-60,Hela cell line lysates (35ug/lane).CCT3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CCT3 antibody	CCT3 is a molecular chaperone that is member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin.
Product Categories/Family for anti-CCT3 antibody	Signal Transduction
References	Zebol,J.R., Int. J. Biochem. Cell Biol. 41 (4), 822-827 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58761484
NCBI GeneID	7203
NCBI Accession #	NP_001008800.1; NP_005989.3
NCBI GenBank Nucleotide #	NM_001008800.2
UniProt Accession #	P49368; Q5SZY1; Q9BR64; A6NE14
Molecular Weight	60534
NCBI Official Full Name	T-complex protein 1 subunit gamma isoform c
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 3 (gamma)
NCBI Official Symbol	CCT3
NCBI Official Synonym Symbols	CCTG; PIG48; TRIC5; CCT-gamma; TCP-1-gamma
NCBI Protein Information	T-complex protein 1 subunit gamma
UniProt Protein Name	T-complex protein 1 subunit gamma
UniProt Gene Name	**CCT3**
UniProt Synonym Gene Names	CCTG; TRIC5; TCP-1-gamma
UniProt Entry Name	TCPG_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://stage.aaabiotech.com/polyclonal/cct3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288512