

Rabbit CCT2 Monoclonal Antibody | anti-CCT2 antibody

Anti-CCT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265710	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CCT2; Monoclonal Antibody; Anti-CCT2 Antibody; anti-CCT2 antibody

PRODUCT SPECIFICATIONS

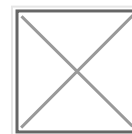
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of CCT2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-CCT2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CCT2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



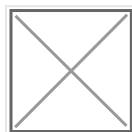
IF (Immunofluorescence)

Immunofluorescent analysis of CCT2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CCT2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.93). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CCT2 expression in Hela (A), A549 (B), HL60 (C), U2OS (D), U87MG (E), mouse brain (F), rat brain (G) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CCT2 antibody	Rabbit monoclonal antibody to CCT2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771535
NCBI GeneID	10576
NCBI Accession #	NP_001185771.1
NCBI GenBank Nucleotide #	NM_001198842.1
UniProt Accession #	P78371; P80314; Q5XIM9
Molecular Weight	52,718 Da
NCBI Official Full Name	T-complex protein 1 subunit beta isoform 2
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 2
NCBI Official Symbol	CCT2
NCBI Official Synonym Symbols	CCTB; 99D8.1; PRO1633; CCT-beta; HEL-S-100n; TCP-1-beta
NCBI Protein Information	T-complex protein 1 subunit beta
UniProt Protein Name	T-complex protein 1 subunit beta
UniProt Gene Name	CCT2
UniProt Synonym Gene Names	99D8.1; CCTB; TCP-1-beta
UniProt Entry Name	TCPB_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/monoclonal/cct2-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/265710>