Rabbit anti-Human, Mouse CCT2 Polyclonal Antibody | anti-CCT2 antibody

Rabbit anti-CCT2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212179	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

CCT2; Polyclonal Antibody; Rabbit anti-CCT2 Antibody; Affinity Purified; epididymis secretory sperm binding protein Li 100n; HEL-S-100n; TCP-1-beta; T-complex protein 1; beta subunit; T-complex protein 1 subunit beta; 99D8.1; chaperonin containing t-complex polypeptide 1; subunit 2; CCT-beta; CCTB; PRO1633; chaperonin containing TCP1; subunit 2 (beta); chaperonin containing TCP1 subunit 2; anti-CCT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CCT2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human and mouse CCT2 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50 ug), HeLa (H; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CCT2 antibody AAA212179 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 6 ug/mg lysate. CCT2 was also immunoprecipitated by rabbit anti-CCT2 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

IHC (Immunohiostchemistry)
Detection of human CCT2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-CCT2 (Cat. No. AAA212179 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

IHC (Immunohistochemistry)
Detection of mouse CCT2 by immunohistochemistry. Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti-CCT2 (Cat. No. AAA212179 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CCT2 antibody	Chaperonin containing TCP1, subunit 2 (beta) (CCT2) is a molecular chaperone that is a 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 [taken from NCBI Entrez Gene (Gene ID: 10576)].
Product Categories/Family for anti-CCT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453603
NCBI GeneID	10576
NCBI Accession #	NP_006422.1
NCBI GenBank Nucleotide #	NM_006431.2
UniProt Accession #	P78371; Q14D36; Q6IAT3; A8K402; B5BTY7; B7Z243; B7Z7K4; B7ZAT2
Molecular Weight	52,718 Da
NCBI Official Full Name	T-complex protein 1 subunit beta isoform 1
NCBI Official Synonym Full Names	chaperonin containing TCP1, subunit 2 (beta)
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; T-complex protein 1, beta subunit; epididymis secretory sperm binding protein Li 100n; chaperonin containing t-complex polypeptide 1, subunit 2; chaperonin containing t-complex polypeptide 1, beta subunit
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/polyclonal/cct2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212179