

Rabbit Chaperonin Containing TCP1 Polyclonal Antibody | anti-CCT2 antibody

Polyclonal Antibody to Chaperonin Containing TCP1, Subunit 2 (CCT2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20941	Rabbit	Human, Mouse, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Chaperonin Containing TCP1; Polyclonal Antibody; Polyclonal Antibody to Chaperonin Containing TCP1; Subunit 2 (CCT2); anti-CCT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CCT2. It has been selected for its ability to recognize CCT2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-CCT2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	CCT2 (Met1~Cys488)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant CCT2 (Met1~Cys488) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: CCT2 knockout Hela cell lysate; Predicted MW: 57,53kd Observed MW: 55kd Primary Ab: 1ug/ml Rabbit Anti-Human CCT2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Hela Cells; Lane2: Mouse Testis Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CCT2 antibody	Knock-Out Validation Antibody
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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; Q14D36; Q6IAT3; A8K402; B5BTY7; B7Z243; B7Z7K4; B7ZAT2
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

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.