

Rabbit CCT5 Polyclonal Antibody | anti-CCT5 antibody

CCT5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200431	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Immunohistochemistry, Western Blot

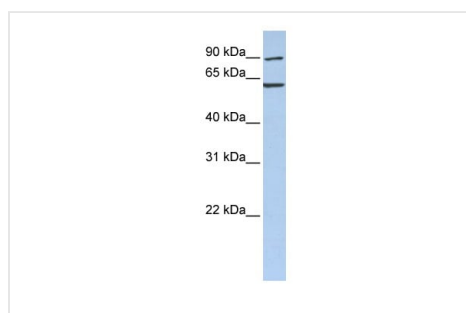
PRODUCT SYNONYMS

CCT5; Polyclonal Antibody; CCT5 antibody - N-terminal region; anti-CCT5 antibody

PRODUCT SPECIFICATIONS

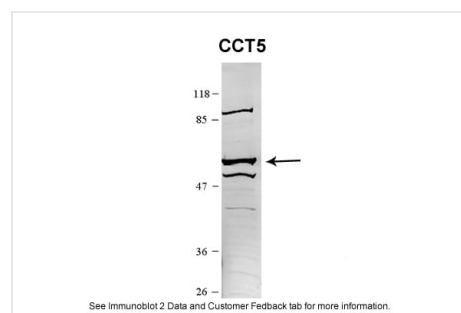
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ND GATILSMMDV DHQIAKLME LSKSQDDEIG DGTGTVVLA GALLEEAE
Sequence Length	541
Applicable Applications for anti-CCT5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CCT5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



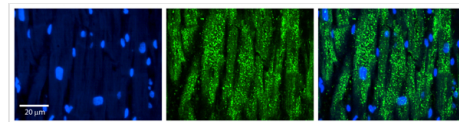
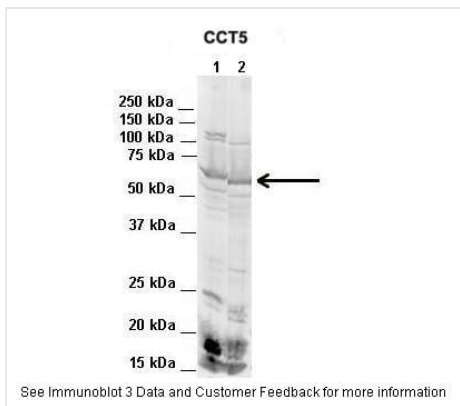
WB (Western Blot)

WB Suggested Anti-CCT5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human brain



WB (Western Blot)

Researcher: Dr. Yuzhi Chen, University of Arkansas for Medical Science
Application: Western blotting
Species+tissue/cell type: Mouse WT brain and Rat brain
How many ug's of tissue/cell lysate run on the gel: 1. Mouse WT brain extract (80ug) 2. Rat brain extract (80ug)
Primary antibody dilution: 2ug/ml
Secondary antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience
Secondary antibody dilution: 1: 20,000



IHC (Immunohistochemistry)

Rabbit Anti-CCT5 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)

Lanes: 1. Mouse WT brain extract (80ug) 2. Rat brain extract (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience
Secondary Antibody Dilution: 1: 20,000
Gene Name: CCT5
Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science
CCT5 is supported by BioGPS gene expression data to be expressed in HEK293

ADDITIONAL INFORMATION

Related Product Information for anti-CCT5 antibody

This is a rabbit polyclonal antibody against CCT5. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: CCT5 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. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. This gene encodes 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. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-CCT5 antibody

Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307939
NCBI GeneID	22948
NCBI Accession #	NP_036205
NCBI GenBank Nucleotide #	NM_012073
UniProt Accession #	P48643
Molecular Weight	60kDa
NCBI Official Full Name	T-complex protein 1 subunit epsilon isoform a
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	CCTE; KIAA0098; TCP-1-epsilon
UniProt Entry Name	TCPE_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://www.aaabiotech.com/polyclonal/cct5-antibody-immunohistochemistry-western-blot-elisa/200431>