

Rabbit CCT7 Polyclonal Antibody | anti-CCT7 antibody

CCT7 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200182	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Immunohistochemistry, Western Blot

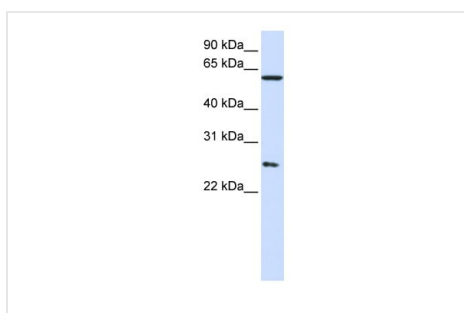
PRODUCT SYNONYMS

CCT7; Polyclonal Antibody; CCT7 antibody - middle region; anti-CCT7 antibody

PRODUCT SPECIFICATIONS

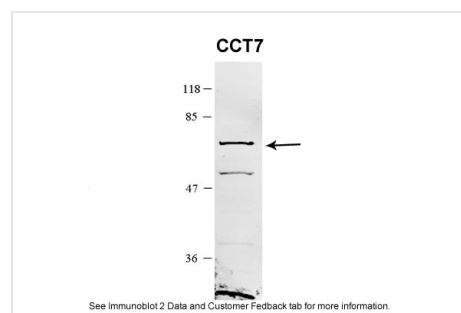
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RA IKNSVAVG GAIEMELSKY LRDYSRTIPG KQQLIGAYA KALEIIPR
Sequence Length	543
Applicable Applications for anti-CCT7 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: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CCT7
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



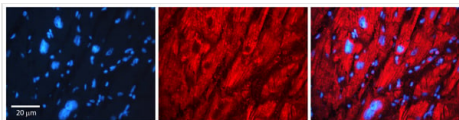
WB (Western Blot)

WB Suggested Anti-CCT7 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:62500
 Positive Control: 293T cell lysate
 CCT7 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Sample Type: Human 293T
 Sample Type: HEK 293 (10ug)
 Primary Antibody: conjugated goat anti-rabbit
 Secondary Antibody: conjugated goat anti-rabbit
 Dilution: 1:1000
 Image Submitted By: Amy Gray
 Brigham Young University
 CCT7 is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)

Rabbit Anti-CCT7 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:1000
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CCT7 antibody	This is a rabbit polyclonal antibody against CCT7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CCT7 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. This gene encodes 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. Alternate transcriptional splice variants encoding different isoforms have been found for this gene, but only two of them have been characterized to date.
Product Categories/Family for anti-CCT7 antibody	Polyclonal; Cell Cycle Proteins; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453607
NCBI GeneID	10574
NCBI Accession #	NP_006420
NCBI GenBank Nucleotide #	NM_006429
UniProt Accession #	Q99832
Molecular Weight	60kDa
NCBI Official Full Name	T-complex protein 1 subunit eta isoform a
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 7
NCBI Official Symbol	CCT7
NCBI Official Synonym Symbols	CCTH; CCTETA; NIP7-1; TCP1ETA
NCBI Protein Information	T-complex protein 1 subunit eta
UniProt Protein Name	T-complex protein 1 subunit eta
UniProt Gene Name	CCT7
UniProt Synonym Gene Names	CCTH; NIP7-1; TCP-1-eta
UniProt Entry Name	TCPH_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/cct7-antibody-immunohistochemistry-western-blot-elisa/200182>