

Mouse CCT7 Monoclonal Antibody | anti-CCT7 antibody

CCT7 (T-complex Protein 1 Subunit eta, TCP-1-eta, CCT-eta, HIV-1 Nef-interacting Protein, CCTH, NIP7-1) (Biotin)

CATALOG # AAA24749	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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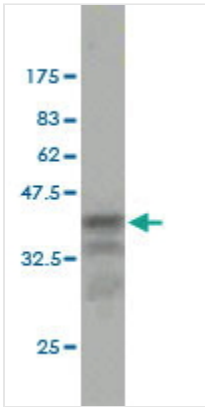
PRODUCT SYNONYMS

CCT7; Monoclonal Antibody; CCT7 (T-complex Protein 1 Subunit eta; TCP-1-eta; CCT-eta; HIV-1 Nef-interacting Protein; CCTH; NIP7-1) (Biotin); anti-CCT7 antibody

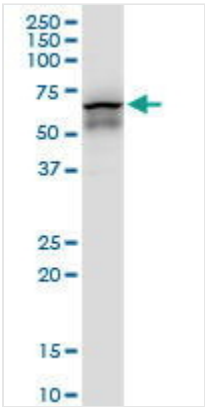
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1D6
Specificity	Recognizes human CCT7. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-CCT7 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa425-528 from CCT7 (AAH19296) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RTIPGKQQLIGAYAKALEIIPRLCDNAGFDATNILNKLRRARHAQG GTWYGVDINNEDIADNFEAFVWEPAMVRINALTAASEAACLIVSVDETIKNPRSTV
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

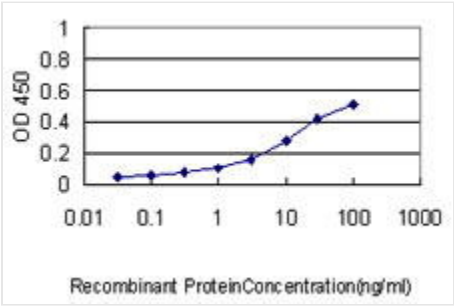
IMAGES



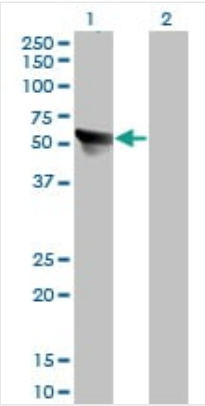
WB (Western Blot)
Western Blot detection against Immunogen (37.44kD).



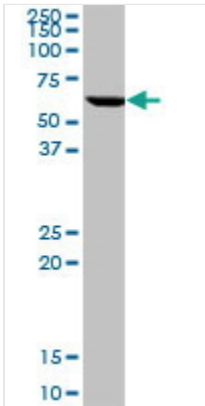
WB (Western Blot)
CCT7 monoclonal antibody Western Blot analysis of CCT7 expression in human pancreas.



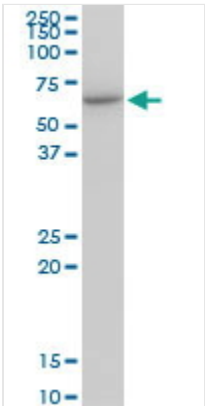
Application Data
Detection limit for recombinant GST tagged CCT7 is ~0.3ng/ml as a capture antibody.



WB (Western Blot)
Western Blot analysis of CCT7 expression in transfected 293T cell line by CCT7 monoclonal antibody. Lane 1: CCT7 transfected lysate (59.4kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
CCT7 monoclonal antibody Western Blot analysis of CCT7 expression in K-562.



WB (Western Blot)
CCT7 monoclonal antibody Western Blot analysis of CCT7 expression in Raw 264.7

ADDITIONAL INFORMATION

Related Product Information for anti-CCT7 antibody	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. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6.
Product Categories/Family for anti-CCT7 antibody	Antibodies; Infectious Disease HIV

NCBI AND UNIPROT INFORMATION

NCBI GI #	17939553
NCBI GeneID	10574
Molecular Weight	50,352 Da
NCBI Official Full Name	Homo sapiens chaperonin containing TCP1, subunit 7 (eta), mRNA
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

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/cct7-antibody-clone-1d6-western-blot-elisa/24749>