

Rabbit anti-Human, Mouse TCP1 Polyclonal Antibody | anti-TCP1 antibody

TCP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281035	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

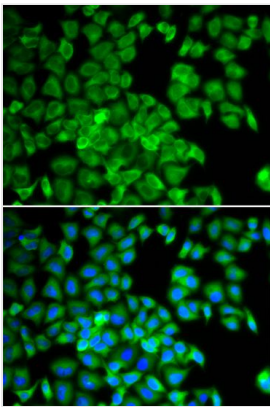
PRODUCT SYNONYMS

TCP1; Polyclonal Antibody; TCP1 Polyclonal Antibody; CCT-alpha; CCT1; CCTa; D6S230E; TCP-1-alpha; anti-TCP1 antibody

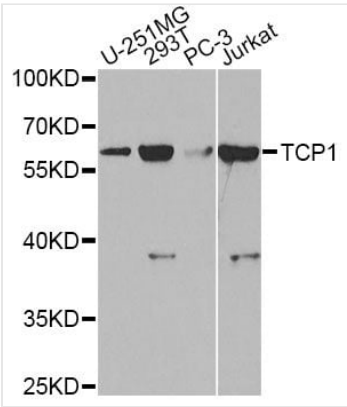
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	AVRRVLKRD L KRIAKASGAT ILSTLANLEG EETFEAAMLG QAEEVVQERI CDELILIKN TKARTSASII LRGANDFMCD EMERSLHDAL CVVKRVLESK SVVPGGGAVE AALSIYLENY ATSMGSREQL AIAEFARSL VIPNTLAVNA AQDSTD L VAK LRAFHN EAQV NPERKNLKIWI GLDLSNGKPR DNKQAGVFEP TIVKVKSLKF ATEAAITILR IDDLIKLHPE SKDDKHGSYE DAVHSGALND
Sequence Length	556
Applicable Applications for anti-TCP1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human TCP1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, centrosome, cytoskeleton, microtubule organizing center
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using TCP1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TCP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TCP1 antibody	The protein encoded by this gene 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. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found.
Product Categories/Family for anti-TCP1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	57863257
NCBI GeneID	6950
NCBI Accession #	NP_110379.2
NCBI GenBank Nucleotide #	NM_030752.2
UniProt Accession #	P17987 ; Q15556 ; Q5TCM3 ; E1P5B2
Molecular Weight	Calculated: 60kDa Observed: 60kDa
NCBI Official Full Name	T-complex protein 1 subunit alpha isoform a
NCBI Official Synonym Full Names	t-complex 1
NCBI Official Symbol	TCP1
NCBI Official Synonym Symbols	CCT1; CCTa; D6S230E; CCT-alpha; TCP-1-alpha
NCBI Protein Information	T-complex protein 1 subunit alpha
UniProt Protein Name	T-complex protein 1 subunit alpha
UniProt Gene Name	TCP1
UniProt Synonym Gene Names	CCT1; CCTA; TCP-1-alpha

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/tcp1-antibody-immunofluorescence-western-blot-elisa/281035>