

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

Rabbit anti-TCP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212167	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

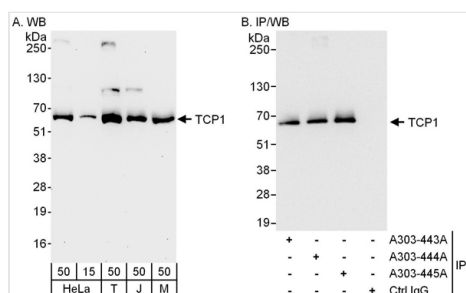
PRODUCT SYNONYMS

TCP1; Polyclonal Antibody; Rabbit anti-TCP1 Antibody; Affinity Purified; t-complex 1 protein; tailless complex polypeptide 1; TCP-1-alpha; T-complex protein 1; alpha subunit; D6S230E; CCT1; CCT-alpha; CCTa; T-complex protein 1 subunit alpha; t-complex 1; anti-TCP1 antibody

PRODUCT SPECIFICATIONS

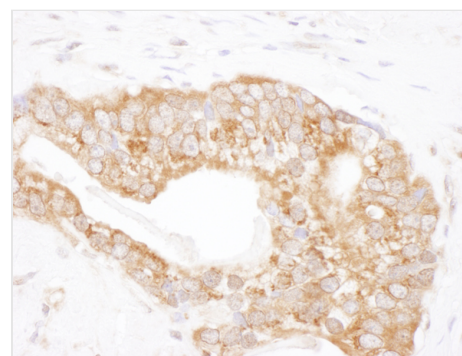
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-TCP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 450 and 500
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



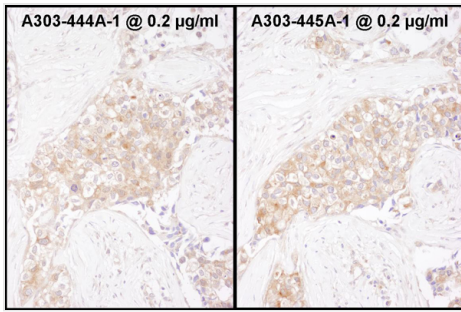
WB (Western Blot)

Detection of human and mouse TCP1 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), Jurkat (J; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-TCP1 antibody AAA212167 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 6 ug/mg lysate. TCP1 was also immunoprecipitated by rabbit anti-TCP1 antibodies and which recognize other epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human TCP1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-TCP1 (Cat. No. AAA212167 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human TCP1 by immunohistochemistry. Samples: FFPE serial sections of human breast carcinoma. Antibody: Affinity purified rabbit anti-TCP1 (Cat. No. AAA212167 Lot1, left panel and Lot1, right panel) used at a dilution of 1:1,000 (0.2µg/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TCP1 antibody	T-complex protein 1 subunit alpha (TCP1-alpha) 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 [taken from NCBI Entrez Gene (Gene ID: 6950)].
Product Categories/Family for anti-TCP1 antibody	Primary 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	60,344 Da
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; T-complex protein 1, alpha subunit; tailless complex polypeptide 1
UniProt Protein Name	T-complex protein 1 subunit alpha
UniProt Gene Name	TCP1
UniProt Synonym Gene Names	CCT1; CCTA; TCP-1-alpha
UniProt Entry Name	TCPA_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/tcp1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212167>