



Rabbit Anti-TCP1 alpha antibody

SL12292R

Product Name:	TCP1 alpha
Chinese Name:	分子伴侣复合体TCP-1 α 抗体
Alias:	AI528772; c-cpn; CCT alpha; CCT; CCT-alpha; CCT1; Ccta; CCTalpha; D6S230E; MGC133746; p63; T complex 1; T complex locus TCP 1; T complex protein 1 alpha subunit; T complex protein 1; T-complex homolog TCP1; T-complex protein 1 subunit alpha; T-complex protein 1 subunit alpha B; Tailless complex polypeptide 1; Tailless complex polypeptide 1A; Tailless complex polypeptide 1B; TCP 1 alpha; Tcp-1; TCP-1-alpha; TCP1; TCPA HUMAN; Tp63; TRic.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	60kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human TCP1 alpha:225-340/556
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex

involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin.

Function:

Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin.

Subunit:

Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG. Component of the BBS/CCT complex composed at least of MKKS, BBS10, BBS12, TCP1, CCT2, CCT3, CCT4, CCT5 AND CCT8.

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton, centrosome.

Similarity:

Belongs to the TCP-1 chaperonin family.

SWISS:

P17987

Gene ID:

6950

Database links:

[Entrez Gene: 512043](#)Cow

[Entrez Gene: 42649](#)Drosophila melanogaster

[Entrez Gene: 6950](#)Human

[Entrez Gene: 21454](#)Mouse

[Entrez Gene: 100153485](#)Pig

[Entrez Gene: 100302435](#)Rabbit

[Entrez Gene: 24818](#)Rat

[Entrez Gene: 851798](#)Saccharomyces cerevisiae

[Omim: 186980](#)Human

[SwissProt: Q32L40](#)Cow

[SwissProt: P12613](#)Drosophila melanogaster

[SwissProt: P17987](#)Human

[SwissProt: P11983](#)Mouse

[SwissProt: P28480](#)Rat

[SwissProt: P12612](#)Saccharomyces cerevisiae

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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