

Product Name: TCP1 beta (4A10) Rabbit Monoclonal Antibody
Catalog #: AMRe18743



Summary

Production Name	TCP1 beta (4A10) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	CCT2
Alternative Names	CCTB; 99D8.1; PRO1633; CCT-beta; MGC142074; MGC142076; TCP-1-beta;
Gene ID	10576.0
SwissProt ID	P78371.

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	57kDa

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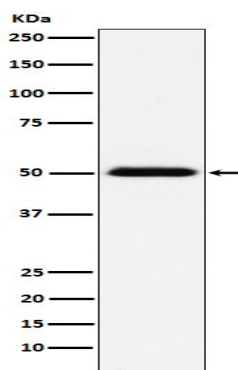


Background

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. Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis (PubMed:[25467444](http://www.uniprot.org/citations/25467444)). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed:[25467444](http://www.uniprot.org/citations/25467444)). As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:[20080638](http://www.uniprot.org/citations/20080638)). The TRiC complex plays a role in the folding of actin and tubulin (Probable).

Research Area

Image Data



Western blot analysis of TCP1 beta expression in MCF-7 cell lysate.

Note

For research use only.