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,IHC-P,ICC/IF,FC,IP,IF-P
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 1:2000-1:10000, IHC-P/IF-P 1:50, ICC/IF 1:50, FCM 1:20, IP 1:20
Molecular Weight	57kDa

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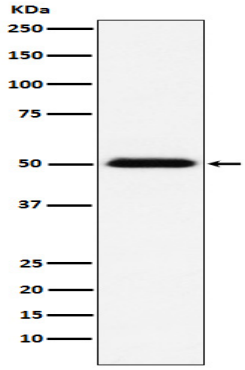
Background

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). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed: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). 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.