

Product Name: TCP1 alpha (7M19) Rabbit Monoclonal Antibody
Catalog #: AMRe18742

Summary

Production Name	TCP1 alpha (7M19) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
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	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	TCP1
Alternative Names	CCT alpha; CCT; CCT1; Ccta; p63; TCP 1 alpha; TCP1 Tp63; TRic;
Gene ID	6950.0
SwissProt ID	P17987.A synthetic peptide of human TCP1 alpha/CCTA

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	60kDa

Background

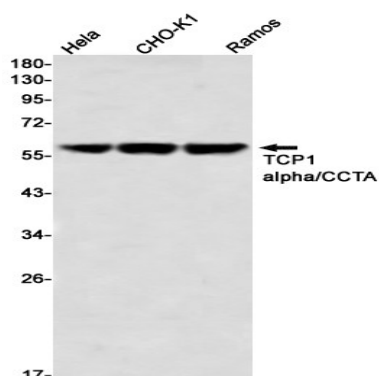
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Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, 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 detection of TCP1 alpha/CCTA in HeLa,CHO-K1,Ramos using TCP1 alpha/CCTA antibody(1:1000 diluted)

Note

For research use only.