

Anti-TCP1 alpha Rabbit Monoclonal Antibody
Catalog # ABO15608**Specification**

Anti-TCP1 alpha Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P17987
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-TCP1 alpha Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

Anti-TCP1 alpha Rabbit Monoclonal Antibody - Additional Information

Gene ID 6950

Other Names

T-complex protein 1 subunit alpha, TCP-1-alpha, CCT-alpha, Chaperonin containing T-complex polypeptide 1 subunit 1, TCP1, CCT1, CCTA

Calculated MW

60 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human TCP1 alpha

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-TCP1 alpha Rabbit Monoclonal Antibody - Protein Information

Name TCPA

Function

Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of actin, tubulin and other proteins upon ATP hydrolysis (PubMed:25467444, PubMed:36493755, PubMed:35449234, PubMed:37193829). 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).

Cellular Location

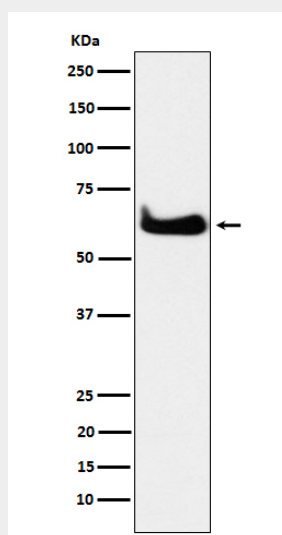
Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Anti-TCP1 alpha Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TCP1 alpha Rabbit Monoclonal Antibody - Images



Western blot analysis of TCP1 alpha expression in HeLa cell lysate.