

TCP-1 ϵ Polyclonal Antibody
Catalog # AP72767**Specification**

TCP-1 ϵ Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P48643
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

TCP-1 ϵ Polyclonal Antibody - Additional Information**Gene ID** 22948**Other Names**

CCT5; CCTE; KIAA0098; T-complex protein 1 subunit epsilon; TCP-1-epsilon; CCT-epsilon

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TCP-1 ϵ Polyclonal Antibody - Protein Information**Name** CCT5**Synonyms** CCTE, KIAA0098 {ECO:0000303|PubMed:77885}**Function**

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).

Cellular Location

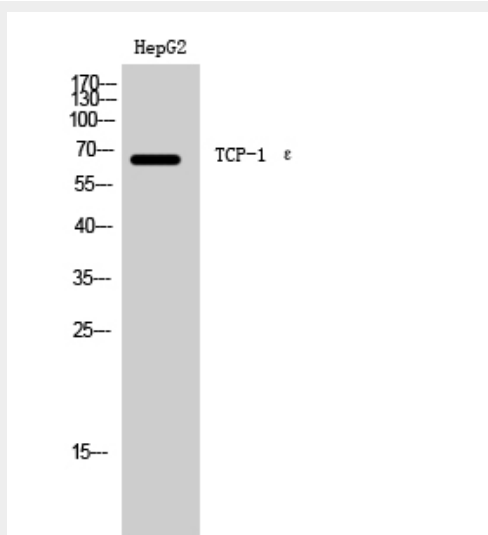
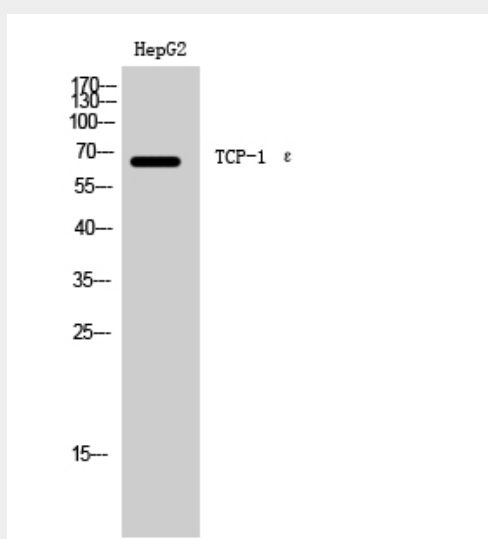
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

TCP-1 ϵ Polyclonal 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](#)

TCP-1 ϵ Polyclonal Antibody - Images



TCP-1 ϵ Polyclonal Antibody - Background

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).