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TCP-1 η Polyclonal Antibody

Catalog # AP72769

Product Information

Application	WB, E
Primary Accession	Q99832
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59367

Additional Information

Gene ID	10574
Other Names	CCT7; CCTH; NIP7-1; T-complex protein 1 subunit eta; TCP-1-eta; CCT-eta; HIV-1 Nef-interacting protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

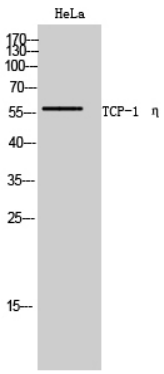
Name	CCT7
Synonyms	CCTH, NIP7-1
Function	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of actin, tubulin and other proteins upon ATP hydrolysis (PubMed:25467444, PubMed:36493755, PubMed:35449234, PubMed:37193829). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed:25467444).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:P80313}.

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). The TRiC complex plays a

role in the folding of actin and tubulin (Probable).

Images



Western Blot analysis of HeLa cells using TCP-1 η Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.