

Product Name: TCP-1 η Rabbit Polyclonal Antibody
Catalog #: APRab18747



Summary

Production Name	TCP-1 η Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CCT7
Alternative Names	CCT7; CCTH; NIP7-1; T-complex protein 1 subunit eta; TCP-1-eta; CCT-eta; HIV-1 Nef-interacting protein
Gene ID	10574.0
SwissProt ID	Q99832.The antiserum was produced against synthesized peptide derived from human CCT7. AA range:221-270

Application

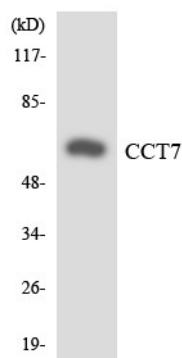
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000.
Molecular Weight	59kD

Background

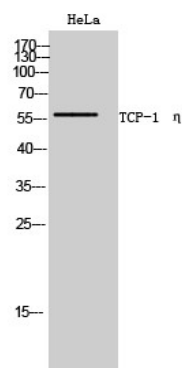
This gene encodes a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6. [provided by RefSeq, Oct 2009],function:Molecular chaperone; assist the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin.,similarity:Belongs to the chaperonin (HSP60) family.,similarity:Belongs to the TCP-1 chaperonin family.,subunit:Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG.,

Research Area

Image Data



Western blot analysis of the lysates from HT-29 cells using CCT7 antibody.



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

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Note

For research use only.