

CCT7 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50628

Specification

CCT7 Antibody - Product Information

Application	WB
Primary Accession	O99832
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59,37,55,50 KDa
Antigen Region	239-268

CCT7 Antibody - Additional Information

Gene ID 10574

Other Names

T-complex protein 1 subunit eta, TCP-1-eta, CCT-eta, HIV-1 Nef-interacting protein, CCT7, CCTH, NIP7-1

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

CCT7 Antibody - 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 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).

Cellular Location

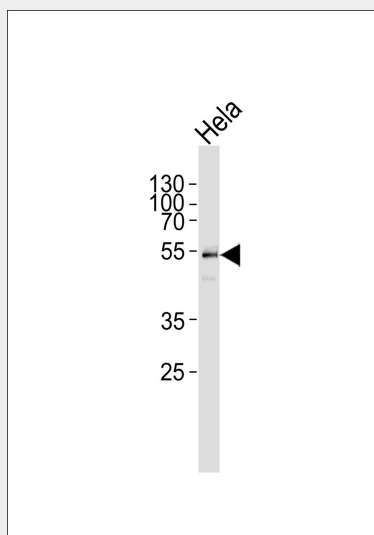
Cytoplasm {ECO:0000250|UniProtKB:P80313}.

CCT7 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](#)

CCT7 Antibody - Images



Western blot analysis of lysate from HeLa cell line, using CCT7 Antibody (AP50628). AP50628 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

CCT7 Antibody - Background

Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin (By similarity).

CCT7 Antibody - References

- Won K.-A., et al. Mol. Cell. Biol. 18:7584-7589 (1998).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45 (2004).
Hillier L.W., et al. Nature 434:724-731 (2005).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.