

AP17198PU-N**Polyclonal Antibody to CCT3 / TCP1 gamma - Purified****Alternate names:**

CCT gamma, CCTG, T-complex protein 1 subunit gamma, TRIC5

Quantity:

0.4 ml

Concentration:

lot specific

Background:

CCT3 is a molecular chaperone that is 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.

Uniprot ID:[P49368](#)**NCBI:**[NP_001008800](#)**GeneID:**[7203](#)**Host:**

Rabbit

Immunogen:

KLH conjugated synthetic peptide selected from the Center region of human CCT3

Format:**State:** Liquid Ig fraction**Purification:** Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS**Buffer System:** PBS with 0.09% (W/V) sodium azide**Applications:**

Western blot: 1:50 - 1:100.

ELISA: 1:1,000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects CCT3 / TCP1 gamma at Center.

Species Reactivity:**Tested:** Human**Add. Information:**

Molecular weight: 60534 Da

Storage:

Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

1. Zebol, J.R., Int. J. Biochem. Cell Biol. 41 (4), 822-827 (2009).

Pictures:

(LEFT) Western blot analysis of CCT3 Antibody (Center) (AP17198PU-N) in MCF7,CEM,K562,HL-60,Hela cell line lysates (35ug/lane).CCT3 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of CCT3 (arrow) using rabbit polyclonal CCT3 Antibody (Center) (AP17198PU-N). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CCT3 gene (Lane 2) .

