CCT2 Rabbit Polyclonal Antibody



CAB6546

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

57kDa

Calculated MW:

52kDa/57kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse

Protein Background

The protein encoded by this gene is 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. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID: 10576

Uniprot P78371

Synonyms:

CCT2; 99D8.1; CCT-beta; CCTB; HEL-S-100n; PRO1633; TCP-1-beta

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:100

Source:

Rabbit

Store

Isotype:

lgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 206-535 of human CCT2 (NP_006422.1).

Storage:

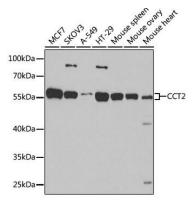
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

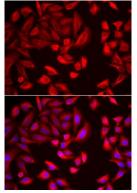
Purification:

Affinity purification

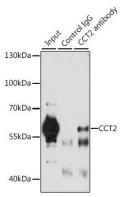
Product Images



Western blot analysis of extracts of various cell lines, using CCT2 antibody (CAB6546) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of HeLa cells using CCT2 antibody (CAB6546). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug CCT2 antibody (CAB6546). Western blot was performed from the immunoprecipitate using CCT2 antibody (CAB6546) at a dilition of 1:1000.