

CCT2 Rabbit pAb

Catalog No.	A6546	Category	Polyclonal Antibodies
Applications	WB, IF, IP	Observed MW	57kDa
Cross-reactivity	Human, Mouse	Calculated MW	52kDa/57kDa

Immunogen Information

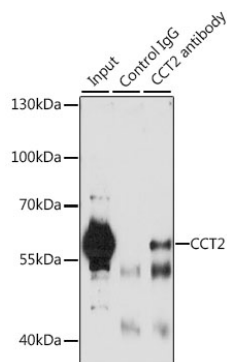
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 206-535 of human CCT2 (NP_006422.1).
Gene ID	10576
Swiss prot	P78371
Synonyms	CCT2;99D8.1;CCT-beta;CCTB;HEL-S-100n;PRO1633;T CP-1-beta

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Background

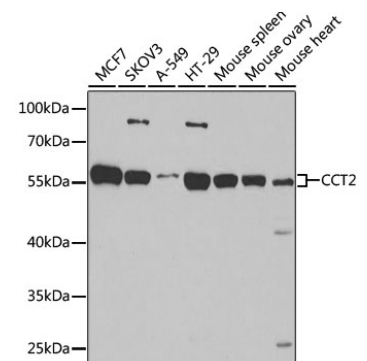
The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central 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.



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug CCT2 antibody (A6546). Western blot was performed from the immunoprecipitate using CCT2 antibody (A6546) at a dilution of 1:1000.

Recommended Dilutions

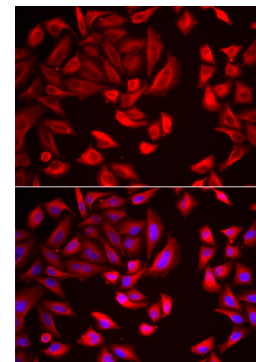
WB	1:500 - 1:2000
IF	1:50 - 1:200
IP	1:50 - 1:100



Western blot analysis of extracts of various cell lines, using CCT2 antibody (A6546) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020). Exposure time: 15s.



Immunofluorescence analysis of HeLa cells using CCT2 antibody (A6546). Blue: DAPI for nuclear staining.