

## Product datasheet for **TA374403**

### TCP1 beta (CCT2) Rabbit Polyclonal Antibody

#### Product data:

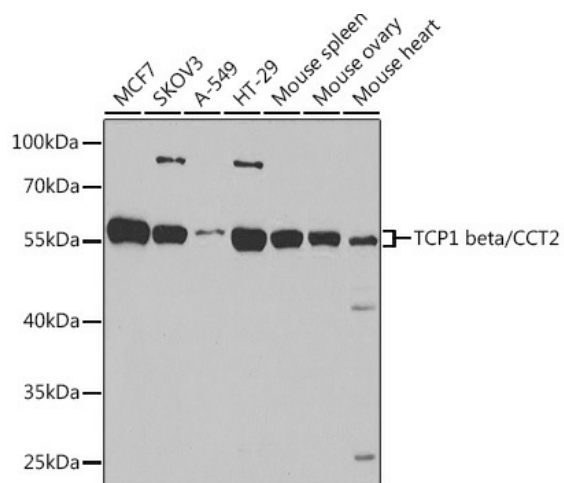
Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200 IP,1:50 - 1:100
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 206-535 of human TCP1 beta/TCP1 beta/CCT2 (NP_006422.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52kDa/57kDa
Gene Name:	chaperonin containing TCP1 subunit 2
Database Link:	<a href="#">Entrez Gene 10576 Human P78371</a>
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.



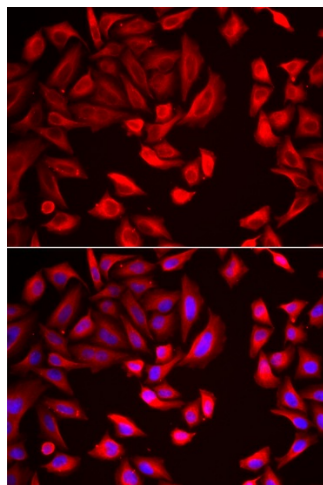
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Synonyms: 99D8.1; CCT-beta; CCTB; MGC142074; MGC142076; PRO1633; TCP-1-beta

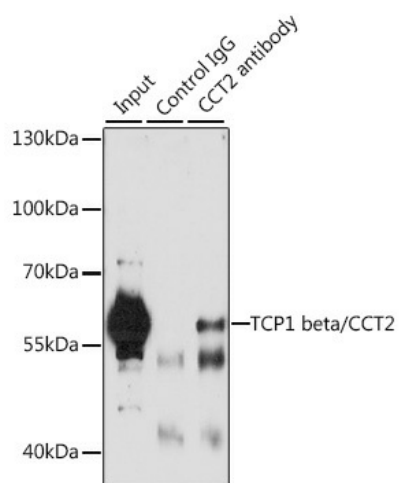
**Product images:**



Western blot analysis of extracts of various cell lines, using TCP1 beta/TCP1 beta/CCT2 antibody (TA374403) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 15s.



Immunofluorescence analysis of HeLa cells using TCP1 beta/TCP1 beta/CCT2 antibody (TA374403). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug TCP1 beta/TCP1 beta/CCT2 antibody (TA374403). Western blot was performed from the immunoprecipitate using TCP1 beta/TCP1 beta/CCT2 antibody (TA374403) at a dilution of 1:1000.