

## ARG57348 anti-CCT4 / TCP1 delta antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CCT4 / TCP1 delta
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCT4 / TCP1 delta
Species	Human
Immunogen	Recombinant Protein of Human CCT4 / TCP1 delta.
Conjugation	Un-conjugated
Alternate Names	SRB; T-complex protein 1 subunit delta; CCT-DELTA; CCT-delta; Stimulator of TAR RNA-binding; TCP-1-delta; Cctd

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	THP-1	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

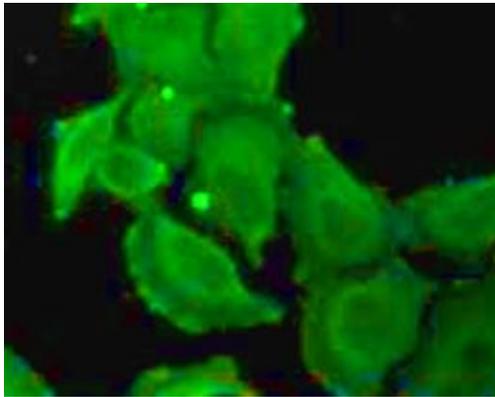
## Bioinformation

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Gene Symbol	CCT4
Gene Full Name	chaperonin containing TCP1, subunit 4 (delta)
Background	The chaperonin containing TCP1 (MIM 186980) complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin (see MIM 102560) and tubulin (see MIM 191130), as well as alpha-transducin (MIM 139330) (Won et al., 1998 [PubMed 9819444]).[supplied by OMIM, Mar 2008]
Function	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin. [UniProt]
Calculated Mw	58 kDa

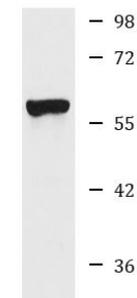
## Images

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ARG57348 anti-CCT4 / TCP1 delta antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG57348 anti-CCT4 / TCP1 delta antibody.



THP-1

ARG57348 anti-CCT4 / TCP1 delta antibody WB image

Western blot: THP-1 cell lysate stained with ARG57348 anti-CCT4 / TCP1 delta antibody.