

## CCT2 rabbit monoclonal antibody

Catalog # H00010576-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CCT2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CCT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CCT2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CCT2

Entrez GeneID	<a href="#">10576</a>
GeneBank Accession#	<a href="#">CCT2</a>
Gene Name	CCT2
Gene Alias	99D8.1, CCT-beta, CCTB, MGC142074, MGC142076, PRO1633, TCP-1-beta
Gene Description	chaperonin containing TCP1, subunit 2 (beta)
Omim ID	<a href="#">605139</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 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. Alternate transcriptional splice variants of the gene described in this record have been observed but have not been thoroughly characterized. [provided by RefSeq]
Other Designations	T-complex protein 1 subunit beta T-complex protein 1, beta subunit chaperonin containing TCP1, subunit 2 chaperonin containing t-complex polypeptide 1, beta subunit chaperonin containing t-complex polypeptide 1, subunit 2

## Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)