

**Product Name: TCP1 alpha/CCTA Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87315**

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## Summary

|                        |                                            |
|------------------------|--------------------------------------------|
| <b>Production Name</b> | TCP1 alpha/CCTA Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody                 |
| <b>Host</b>            | Rabbit                                     |
| <b>Application</b>     | WB,IHC,ICC/IF,IP                           |
| <b>Reactivity</b>      | Human                                      |

## Performance

|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                                                                 |
| <b>Modification</b> | Unmodified                                                                                                                                                   |
| <b>Isotype</b>      | IgG                                                                                                                                                          |
| <b>Clonality</b>    | Monoclonal                                                                                                                                                   |
| <b>Form</b>         | Liquid                                                                                                                                                       |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                     |
| <b>Buffer</b>       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| <b>Purification</b> | Affinity Purification                                                                                                                                        |

## Immunogen

|                          |                                             |
|--------------------------|---------------------------------------------|
| <b>Gene Name</b>         | TCP1 alpha/CCTA                             |
| <b>Alternative Names</b> | CCT1; CCTa; D6S230E; CCT-alpha; TCP-1-alpha |
| <b>Gene ID</b>           | 6950                                        |
| <b>SwissProt ID</b>      | P17987.                                     |

## Application

|                         |                                                                   |
|-------------------------|-------------------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:1000-1:5000 ICC/IF: 1:100-1:200 IHC-P: 1:100-1:200 IP: 1:50 |
| <b>Molecular Weight</b> | Calculated MW:60 kDa; Observed MW:60 kDa                          |

## Background

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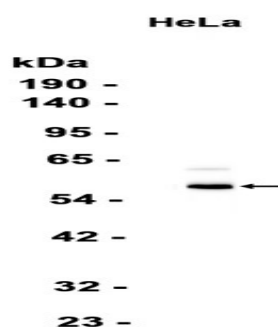
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The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different 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. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found. [provided by RefSeq, Jun 2010]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using AMRe87315 at 1:10000.

## Note

For research use only.