

Product datasheet for **TA358492**

TCP1 alpha (TCP1) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92% |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 61kDa |
| Gene Name: | t-complex 1 |
| Database Link: | NP_110379 Entrez Gene 24818 Rat Entrez Gene 6950 Human P17987 |



[View online »](#)

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. 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.

Synonyms:

CCT-alpha; CCT1; CCTa; D6S230E; TCP-1-alpha

Product images:


WB Suggested Anti-TCP1 Antibody
 Titration: 1.0 ug/ml
 Positive Control: HeLa Whole Cell
 TCP1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



Host: Rabbit
 Target Name: Tcp1
 Sample Type: Rat Liver Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rat
 Target Name: TCP1
 Sample Tissue: Rat Liver
 Antibody Dilution: 1 ug/ml