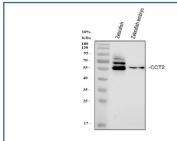


Zebrafish Cct2 Antibody / TCP1 beta / T-complex protein 1 subunit beta (RZ1030)

Catalog No.	Formulation	Size
RZ1030	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6PBW6
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Cct2 antibody is available for research use only.



Western blot analysis of Zebrafish Cct2 protein using Zebrafish Cct2 antibody and 1) whole zebrafish and 2) zebrafish embryo lysate. Predicted molecular weight ~58 kDa.

Description

T-complex protein 1 subunit beta (TCP1 beta) is a protein that in humans is encoded by the CCT2 gene. 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.

Application Notes

Optimal dilution of the Zebrafish Cct2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Cct2 recombinant protein (amino acids E437-C535) was used as the immunogen for the Zebrafish Cct2 antibody.

Storage

After reconstitution, the Zebrafish Cct2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.