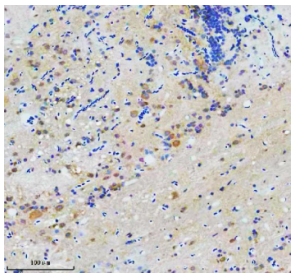
Zebrafish Cct7 Antibody / T-complex protein 1 subunit eta (RZ1062)

Catalog No.	Formulation	Size
RZ1062	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	Q8JHG7
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Cct7 antibody is available for research use only.



Immunohistochemical analysis of Cct7 protein using Zebrafish Cct7 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing

Description

T-complex protein 1 subunit eta is a protein that in humans is encoded by the CCT7 gene. This gene encodes 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. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6.

Application Notes

Optimal dilution of the Zebrafish Cct7 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Cct7 recombinant protein (amino acids Q31-N307) was used as the immunogen for the Zebrafish Cct7 antibody.

Storage

After reconstitution, the Zebrafish Cct7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.