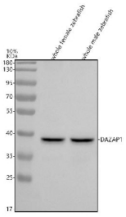
Zebrafish Dazap1 Antibody / DAZ-associated protein 1 (RZ1107)

Catalog No.	Formulation	Size
RZ1107	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	Q29R83
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Dazap1 antibody is available for research use only.



Western blot analysis of Dazap1 protein using Zebrafish Dazap1 antibody and 1) whole female zebrafish tissue lysate and 2) whole male zebrafish tissue lysate. Predicted molecular weight ~41 kDa.

Description

DAZ-associated protein 1 is a protein that in humans is encoded by the DAZAP1 gene. It is mapped to19p13.3. In mammals, the Y chromosome directs the development of the testes and plays an important role in spermatogenesis. A high percentage of infertile men have deletions that map to regions of the Y chromosome. The DAZ (deleted in azoospermia) gene cluster maps to the AZFc region of the Y chromosome and is deleted in many azoospermic and severely oligospermic men. It is thought that the DAZ gene cluster arose from the transposition, amplification, and pruning of the ancestral autosomal gene DAZL also involved in germ cell development and gametogenesis. This gene encodes a RNA-binding protein with two RNP motifs that was originally identified by its interaction with the infertility factors DAZ and DAZL. Two isoforms are encoded by transcript variants of this gene.

Application Notes

Optimal dilution of the Zebrafish Dazap1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Dazap1 recombinant protein (amino acids M1-K186) was used as the immunogen for the Zebrafish Dazap1 antibody.

Storage

After reconstitution, the Zebrafish Dazap1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.