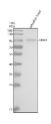


Zebrafish Rrm1 Antibody / Ribonucleotide Reductase M1 (RZ1059)

Catalog No.	Formulation	Size
RZ1059	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	P79732
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Rrm1 antibody is available for research use only.



Western blot analysis of Rrm1 protein using Rrm1 antibody and zebrafish head tissue lysate. The predicted molecular weight of Rrm1 is ~90 kDa.

Description

Predicted to enable ATP binding activity and ribonucleoside-diphosphate reductase activity, thioredoxin disulfide as acceptor. Predicted to be involved in deoxyribonucleotide biosynthetic process. Predicted to be located in cytoplasm. Predicted to be part of ribonucleoside-diphosphate reductase complex. Is expressed in several structures, including immature eye; nervous system; neural tube; presumptive telencephalon; and tail bud. Human ortholog(s) of this gene implicated in chronic progressive external ophthalmoplegia. Orthologous to human RRM1 (ribonucleotide reductase catalytic subunit M1).

Application Notes

Optimal dilution of the Zebrafish Rrm1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Rrm1 recombinant protein (amino acids A129-Q730) was used as the immunogen for the Zebrafish Rrm1 antibody.

Storage

After reconstitution, the Zebrafish Rrm1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.