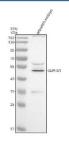


Zebrafish Sephs1 Antibody / Selenophosphate synthetase 1 (RZ1050)

Catalog No.	Formulation	Size
RZ1050	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	Q7ZW38
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Sephs1 antibody is available for research use only.



Western blot analysis of Sephs1 protein using Zebrafish Sephs1 antibody and zebrafish embryo tissue lysate. The predicted molecular weight of Sephs1 is ~43 kDa.

Description

Predicted to enable protein heterodimerization activity; protein homodimerization activity; and selenide, water dikinase activity. Predicted to be involved in selenocysteine biosynthetic process. Predicted to act upstream of or within phosphorylation. Predicted to be located in nuclear membrane and plasma membrane. Predicted to be active in cytoplasm. Orthologous to human SEPHS1 (selenophosphate synthetase 1).

Application Notes

Optimal dilution of the Zebrafish Sephs1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of zebrafish Sephs1 was used as the immunogen for the Zebrafish Sephs1 antibody.

Storage

After reconstitution, the Zebrafish Sephs1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.