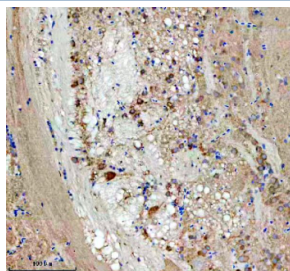


Zebrafish Eif4a1 Antibody / Isoforms a & b / EIF4A2 (RZ1051)

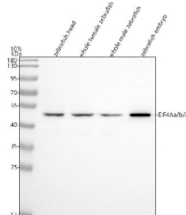
Catalog No.	Formulation	Size
RZ1051	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

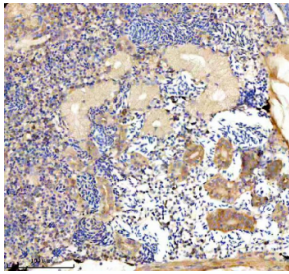
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q802C9
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Eif4a1 antibody is available for research use only.



IHC staining of FFPE zebrafish brain tissue with Zebrafish Eif4a1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Eif4a1a/b/2 protein using Zebrafish Eif4a1 antibody and 1) zebrafish head, 2) whole female zebrafish, 3) whole male zebrafish and 4) zebrafish embryo tissue lysate. Expected molecular weight: ~46 kDa (Eif4a1a/b) and ~32 kDa (EIF4A2).



IHC staining of FFPE zebrafish kidney tissue with Zebrafish Eif4a1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Eukaryotic initiation factor 4A-I is a protein that in humans is encoded by the EIF4A1 gene. It is mapped to 17p13.1. EIF4A1 has been shown to interact with EIF4E and eukaryotic translation initiation factor 4 gamma.

Application Notes

Optimal dilution of the Zebrafish Eif4a1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Eif4a1a/b/2 recombinant protein (amino acids D32-I406) was used as the immunogen for the Zebrafish Eif4a1 antibody. This antibody will detect the a and b isoforms of Eif4a1 as well as Eif4a2.

Storage

After reconstitution, the Zebrafish Eif4a1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.