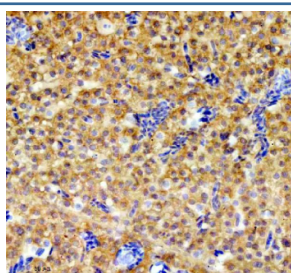


## Zebrafish Grpel1 Antibody / GrpE protein homolog (RZ1109)

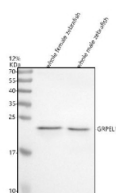
Catalog No.	Formulation	Size
RZ1109	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	2-3 weeks
<b>Species Reactivity</b>	Zebrafish
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity chromatography
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q32PS5
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
<b>Limitations</b>	This Zebrafish Grpel1 antibody is available for research use only.



IHC staining of FFPE zebrafish liver tissue with Zebrafish Grpel1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Grpel1 protein using Zebrafish Grpel1 antibody and 1) whole female zebrafish tissue lysate and 2) whole male zebrafish tissue lysate. Predicted molecular weight ~24 kDa.

## Description

Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins.

## Application Notes

Optimal dilution of the Zebrafish Grpel1 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived zebrafish Grpel1 recombinant protein (amino acids Q90-P217) was used as the immunogen for the Zebrafish Grpel1 antibody.

## Storage

After reconstitution, the Zebrafish Grpel1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.