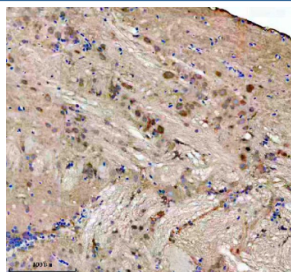


Zebrafish Fhl2 Antibody / Fhl2a / Fhl2b (RZ1133)

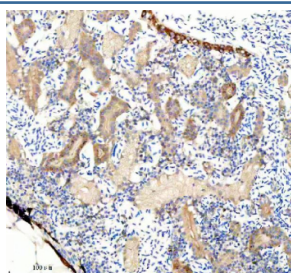
Catalog No.	Formulation	Size
RZ1133	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

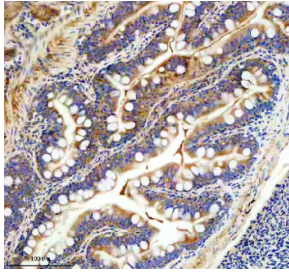
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6AZB7
Localization	Cytoplasmic, Nuclear
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml Immunofluorescence : 5 ug/ml
Limitations	This Zebrafish Fhl2 antibody is available for research use only.



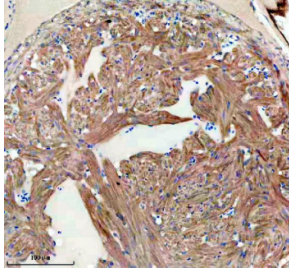
Immunohistochemical analysis of FHL2a/b protein using Zebrafish Fhl2 antibody, HRP secondary and DAB substrate with paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



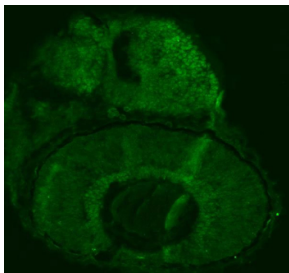
Immunohistochemical analysis of FHL2a/b protein using Zebrafish Fhl2 antibody, HRP secondary and DAB substrate with paraffin-embedded zebrafish kidney tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



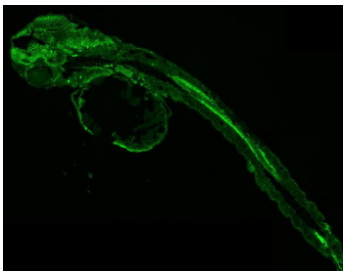
Immunohistochemical analysis of FHL2a/b protein using Zebrafish Fhl2 antibody, HRP secondary and DAB substrate with paraffin-embedded zebrafish colon tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



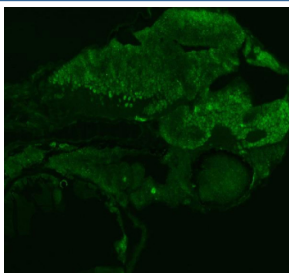
Immunohistochemical analysis of FHL2a/b protein using Zebrafish Fhl2 antibody, HRP secondary and DAB substrate with paraffin-embedded zebrafish heart tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE zebrafish embryo tissue with Zebrafish Fhl2 antibody (green). HIER: steam section in pH8 EDTA buffer for 20 min.



Immunofluorescent staining of FFPE zebrafish embryo tissue with Zebrafish Fhl2 antibody (green). HIER: steam section in pH8 EDTA buffer for 20 min.



Immunofluorescent staining of FFPE zebrafish embryo tissue with Zebrafish Fhl2 antibody (green). HIER: steam section in pH8 EDTA buffer for 20 min.

Description

Four and a half LIM domains protein 2, also known as FHL-2, is a protein that in humans is encoded by the FHL2 gene. This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants encoding different isoforms have been identified.

Application Notes

Optimal dilution of the Zebrafish Fhl2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Fhl2 recombinant protein (amino acids K235-I279) was used as the immunogen for the Zebrafish Fhl2 antibody. This antibody will detect the a and b isoforms.

Storage

After reconstitution, the Zebrafish Fhl2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.