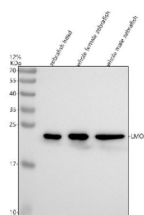


Zebrafish Lmo2 Antibody / Rhombotin 2 (RZ1118)

Catalog No.	Formulation	Size
RZ1118	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	Q9PTJ3
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Lmo2 antibody is available for research use only.



Western blot analysis of Lmo2 protein using Zebrafish Lmo2 antibody and 1) zebrafish head, 2) whole female zebrafish and 3) whole male zebrafish tissue lysate. Predicted molecular weight ~18 kDa.

Description

LIM domain only 2 (rhombotin-like 1), also known as LMO2, RBTNL1, RBTN2, RHOM2, LIM Domain Only Protein 2, TTG2, and T-Cell Translocation Protein 2, is a protein which in humans is encoded by the LMO2 gene. LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the Zebrafish Lmo2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Lmo2 recombinant protein (amino acids E14-A124) was used as the immunogen for the Zebrafish Lmo2 antibody.

Storage

After reconstitution, the Zebrafish Lmo2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.