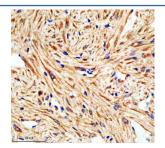


Zebrafish Lims1 Antibody / LIM domain-containing protein (RZ1024)

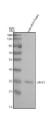
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RZ1024 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

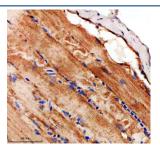
| Availability | 2-3 weeks |
|--------------------|--|
| Species Reactivity | Zebrafish |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity chromatography |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose |
| UniProt | A0A8M9QHP1 |
| Applications | Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml |
| Limitations | This Zebrafish Lims1 antibody is available for research use only. |



Immunohistochemical analysis of Lims1 protein using Zebrafish Lims1 antibody and paraffin-embedded zebrafish heart tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot analysis of Lims1 protein using Zebrafish Lims1 antibody and zebrafish head tissue lysate. The predicted molecular weight of Lims1 is ~37 kDa.



Immunohistochemical analysis of Lims1 protein using Zebrafish Lims1 antibody and paraffin-embedded zebrafish muscle tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

LIM and senescent cell antigen-like-containing domain protein 1 is a protein that in humans is encoded by the LIMS1 gene. The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Zebrafish Lims1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Lims1 recombinant protein (amino acids E22-A183) was used as the immunogen for the Zebrafish Lims1 antibody.

Storage

After reconstitution, the Zebrafish Lims1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.