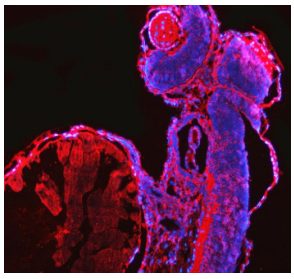
Zebrafish CrkL Antibody / Crk-like protein (RZ1089)

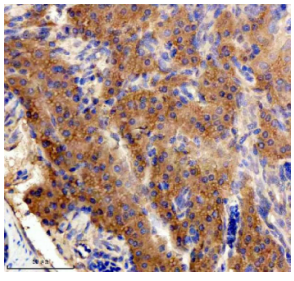
Catalog No.	Formulation	Size
RZ1089	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

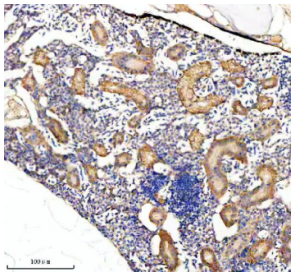
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6PH06
Localization	Cytoplasmic, Nuclear
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml Immunofluorescence : 5 ug/ml
Limitations	This Zebrafish CrkL antibody is available for research use only.



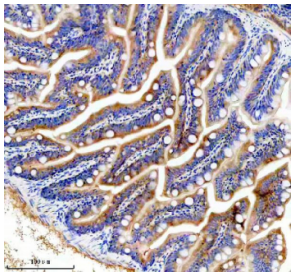
Immunofluorescent staining of FFPE zebrafish embryo tissue with Zebrafish CrkL antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



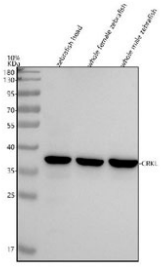
IHC staining of FFPE zebrafish pancreas tissue with Zebrafish CrkL antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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



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



Western blot analysis of CrkL protein using CrkL antibody and 1) zebrafish head, 2) whole female zebrafish and 3) whole male zebrafish tissue lysate. Expected molecular weight: 34~39 kDa.

Description

Crk-like protein is a protein that in humans is encoded by the CRKL gene. This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.

Application Notes

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

Immunogen

An E.coli-derived zebrafish CrkL recombinant protein (amino acids M1-H292) was used as the immunogen for the Zebrafish CrkL antibody.

Storage

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