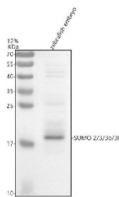


Zebrafish Sumo Antibody / Isoforms 2/3/3b/3l (RZ1037)

Catalog No.	Formulation	Size
RZ1037	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	Q6DHL4, Q6DI05, F1QRX2, Q6NV25
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Sumo antibody is available for research use only.



Western blot analysis of Sumo2/3/3b/3L protein using Sumo antibody and zebrafish embryo tissue lysate. The predicted molecular weight of Sumo2/3/3b/3L is 12 kDa, but it is commonly observed at 15-17 kDa.

Description

Predicted to enable protein tag activity and ubiquitin-like protein ligase binding activity. Acts upstream of or within chordate embryonic development and definitive hemopoiesis. Predicted to be active in nucleus. Is expressed in brain; cranial neural crest cell; digestive system; eye; and pectoral fin bud. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus 5. Orthologous to several human genes including SUMO2 (small ubiquitin like modifier 2).

Application Notes

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

Immunogen

An E.coli-derived zebrafish Sumo recombinant protein (amino acids Q25-T72) was used as the immunogen for the Zebrafish Sumo antibody. This antibody will detect isoforms 2, 3, 3b and 3l.

Storage

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