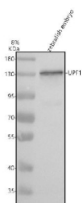


Zebrafish Upf1 Antibody / Rent1 / Regulator of nonsense transcripts 1 (RZ1010)

Catalog No.	Formulation	Size
RZ1010	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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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	F1RCY6
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Upf1 antibody is available for research use only.



Western blot analysis of Upf1 protein using Upf1 antibody and zebrafish embryo tissue lysate. The predicted molecular weight of Upf1 is 124 kDa.

Description

Predicted to enable RNA binding activity and RNA helicase activity. Involved in chordate embryonic development and nuclear-transcribed mRNA catabolic process, nonsense-mediated decay. Acts upstream of or within with a positive effect on positive regulation of nuclear-transcribed mRNA catabolic process, nonsense-mediated decay. Acts upstream of or within T cell differentiation in thymus and regulation of gene expression. Predicted to be located in P-body; nucleus; and perinuclear region of cytoplasm. Predicted to be active in cytoplasm. Orthologous to human UPF1 (UPF1 RNA helicase and ATPase).

Application Notes

Optimal dilution of the Zebrafish Upf1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Upf1 recombinant protein (amino acids F538-D591) was used as the immunogen for the Zebrafish Upf1 antibody.

Storage

After reconstitution, the Zebrafish Upf1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.