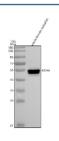


Zebrafish Ddx6 Antibody / DEAD box protein 6 (RZ1095)

Catalog No.	Formulation	Size
RZ1095	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	E7FD91
Applications	Western Blot : 0.5-1 ug/ml
Limitations	This Zebrafish Ddx6 antibody is available for research use only.



Western blot analysis of Ddx6 protein using Zebrafish Ddx6 antibody and whole female zebrafish tissue lysate. The predicted molecular weight of Ddx6 is ~54 kDa.

Description

DDX6 (DEAD/H BOX 6), also known as HLR2 or p54, is an enzyme that in humans is encoded by the DDX6 gene. DDX6 belongs to the DEAD box family of putative RNA helicases that contain a characteristic asp-glu-ala-asp(DEAD) box motif(Seto et al., 1995). Tunnacliffe et al.(1993) assigned the DDX6 gene more precisely using a panel of sequence tagged sites(STSs) representing 30 markers previously assigned to 11q23. Using mass spectroscopy, Fenger-Gron et al.(2005) found that RCK, EDC3(YJDC), and HEDLS(RCD8) co-immunopurified with DCP1A and DCP2 from HEK293 cell lysates. Overexpression of DCP2, RCK, or EDC3 in HeLa cells reduced the association of endogenous DCP1A and XRN1 with cytoplasmic P bodies.

Application Notes

Optimal dilution of the Zebrafish Ddx6 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Ddx6 recombinant protein (amino acids I67-L484) was used as the immunogen for the Zebrafish Ddx6 antibody.

Storage

After reconstitution, the Zebrafish Ddx6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.