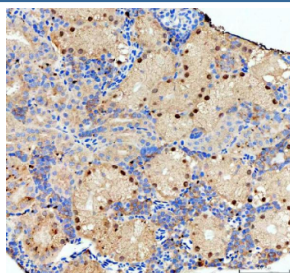


Zebrafish Nol10 Antibody / Nucleolar protein 10 (RZ1140)

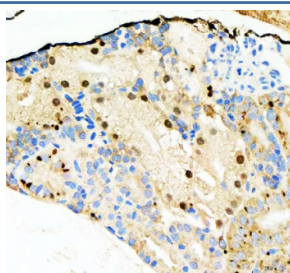
Catalog No.	Formulation	Size
RZ1140	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q802W4
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Nol10 antibody is available for research use only.



Immunohistochemical analysis of Nol10 protein using Zebrafish Nol10 antibody, HRP secondary and DAB substrate with paraffin-embedded zebrafish kidney tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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Description

By immunoprecipitation of human AATF it was discovered that AATF forms a salt-stable protein complex together with neuroguidin (NGDN) and NOL10 and demonstrated that the AATF-NGDN-NOL10 (ANN) complex functions in ribosome biogenesis. All three ANN complex members localize to nucleoli and display a mutual dependence with respect to protein stability. Mapping of protein-protein interaction domains revealed the importance of both the evolutionary conserved WD40 repeats in NOL10 and the UTP3/SAS10 domain in NGDN for complex formation.

Application Notes

Optimal dilution of the Zebrafish Nol10 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Nol10 recombinant protein (amino acids Y73-D497) was used as the immunogen for the Zebrafish Nol10 antibody.

Storage

After reconstitution, the Zebrafish Nol10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.