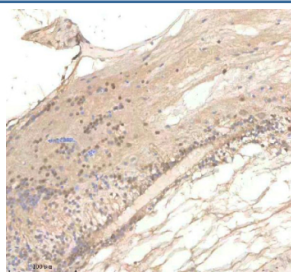


Zebrafish Polr2d Antibody / Rpb4 / DNA-directed RNA polymerase II subunit RPB4 (RZ1274)

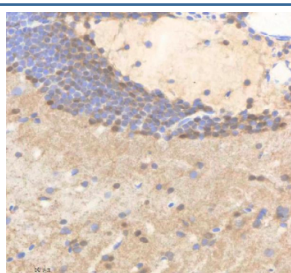
Catalog No.	Formulation	Size
RZ1274	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

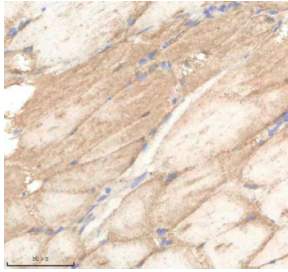
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	A0A8M1N062
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml
Limitations	This Zebrafish Polr2d antibody is available for research use only.



IHC staining of zebrafish Polr2d protein using Zebrafish Polr2d antibody, HRP-labeled secondary and DAB substrate. Polr2d was detected in a paraffin-embedded section of zebrafish spinal tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of zebrafish Polr2d protein using Zebrafish Polr2d antibody, HRP-labeled secondary and DAB substrate. Polr2d was detected in a paraffin-embedded section of zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of zebrafish Polr2d protein using Zebrafish Polr2d antibody, HRP-labeled secondary and DAB substrate. Polr2d was detected in a paraffin-embedded section of zebrafish muscle tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

DNA-directed RNA polymerase II subunit RPB4 is an enzyme that in humans is encoded by the POLR2D gene. This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene.

Application Notes

Optimal dilution of the Zebrafish Polr2d antibody should be determined by the researcher.

Immunogen

E. coli-derived zebrafish Polr2d recombinant protein (amino acids A10-D127) was used as the immunogen for the Zebrafish Polr2d antibody.

Storage

After reconstitution, the Zebrafish Polr2d antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.