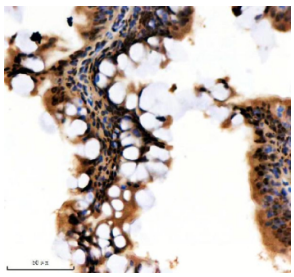
Zebrafish Hnrnpa1 Antibody / Isoforms a & b (RZ1018)

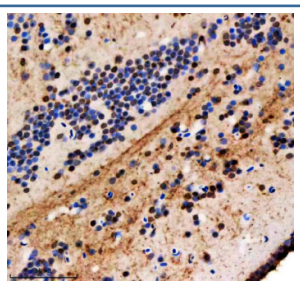
Catalog No.	Formulation	Size
RZ1018	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

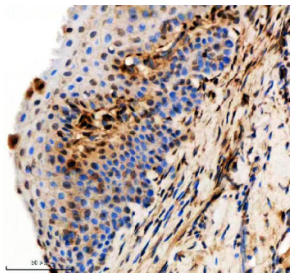
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7SXQ3, Q803K3
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Hnrnpa1 antibody is available for research use only.



Immunohistochemical analysis of Hnrnpa1a/b protein using Zebrafish Hnrnpa1 antibody and paraffin-embedded zebrafish colon tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Hnrnpa1a/b protein using Zebrafish Hnrnpa1 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Hnrnpa1a/b protein using Zebrafish Hnrnpa1 antibody and paraffin-embedded zebrafish esophagus tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Heterogeneous nuclear ribonucleoprotein A1 is a protein that in humans is encoded by the HNRNPA1 gene. This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome.

Application Notes

Optimal dilution of the Zebrafish Hnrnpa1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish Hnrnpa1a/b recombinant protein (amino acids E10-D43) was used as the immunogen for the Zebrafish Hnrnpa1 antibody. This antibody will detect the a and b isoforms.

Storage

After reconstitution, the Zebrafish Hnrnpa1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com