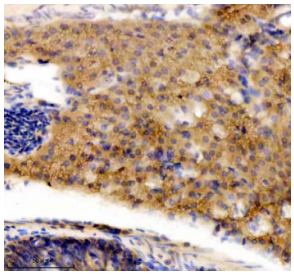
Zebrafish Dnaja2 Antibody / Dnaja2a / Dnaja2b (RZ1146)

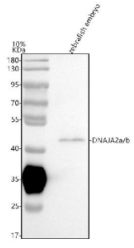
Catalog No.	Formulation	Size
RZ1146	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

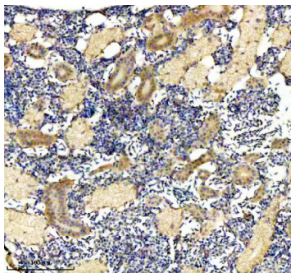
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7ZUP5
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Dnaja2 antibody is available for research use only.



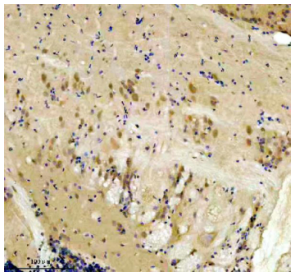
Immunohistochemical analysis of DNAJA2a/b protein using DNAJA2 antibody and paraffin-embedded zebrafish pancreas tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



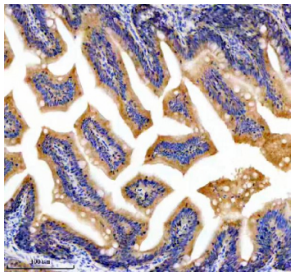
Western blot analysis of DNAJA2a/b protein using Zebrafish Dnaja2 antibody and zebrafish embryo tissue lysate. The predicted molecular weight of DNAJA2a/b is 46 kDa.



Immunohistochemical analysis of DNAJA2a/b protein using Zebrafish Dnaja2 antibody and paraffin-embedded zebrafish kidney tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of DNAJA2a/b protein using Zebrafish Dnaja2 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 DNAJA2a/b protein using Zebrafish Dnaja2 antibody and paraffin-embedded zebrafish colon tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

DnaJ homolog subfamily A member 2 is a protein that in humans is encoded by the DNAJA2 gene. It is mapped to 16q11.2. The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro.

Application Notes

Optimal dilution of the Zebrafish DNAJA2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish DNAJA2a/b recombinant protein (amino acids M1-Q230) was used as the immunogen for the Zebrafish Dnaja2 antibody. This antibody will detect the a and b isoforms.

Storage

After reconstitution, the Zebrafish Dnaja2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.