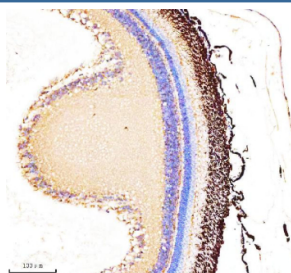


Zebrafish Actin-related protein 2 Antibody / Actr2 / Arp2 (RZ1006)

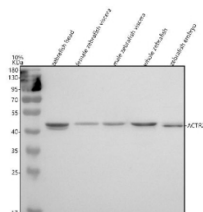
Catalog No.	Formulation	Size
RZ1006	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

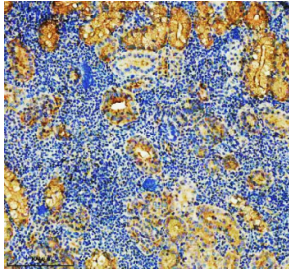
Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7SXW6
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Actin-related protein 2 antibody is available for research use only.



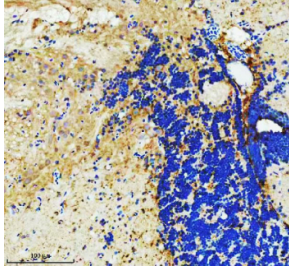
IHC staining of FFPE zebrafish retina tissue with Zebrafish Actin-related protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



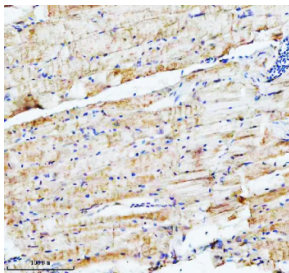
Western blot analysis of Actin-related protein 2 protein using Zebrafish Actin-related protein 2 antibody and 1) zebrafish head 2) female zebrafish viscera, 3) male zebrafish viscera, 4) whole zebrafish 5) zebrafish embryo tissue lysate. Expected molecular weight ~45 kDa.



IHC staining of FFPE zebrafish kidney tissue with Zebrafish Actin-related protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE zebrafish brain tissue with Zebrafish Actin-related protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE zebrafish skeletal muscle tissue with Zebrafish Actin-related protein 2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Zebrafish Actin-related protein 2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived zebrafish ARP2/Actr2 recombinant protein (amino acids M1-R394) was used as the immunogen for the Zebrafish Actin-related protein 2 antibody.

Storage

After reconstitution, the Zebrafish Actin-related protein 2 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.

