

Zebrafish rx2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb21571a**Specification**

Zebrafish rx2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O42357
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	51-84

Zebrafish rx2 Antibody (N-term) - Additional Information**Other Names**

Retinal homeobox protein Rx2, rx2

Target/Specificity

This Zebrafish rx2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 51-84 amino acids from the N-terminal region of zebrafish rx2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Zebrafish rx2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Zebrafish rx2 Antibody (N-term) - Protein Information**Name** rx2

Function Plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00138}

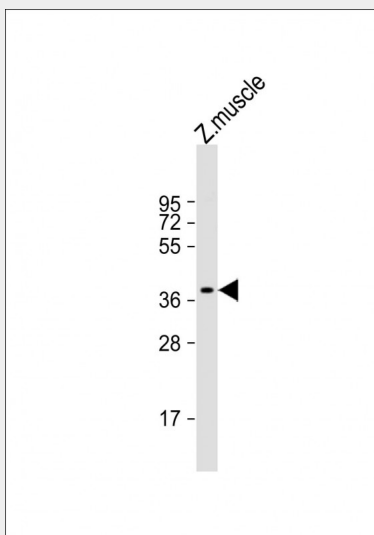
Tissue Location

Expressed in the outer nuclear layer, in cone photoreceptor

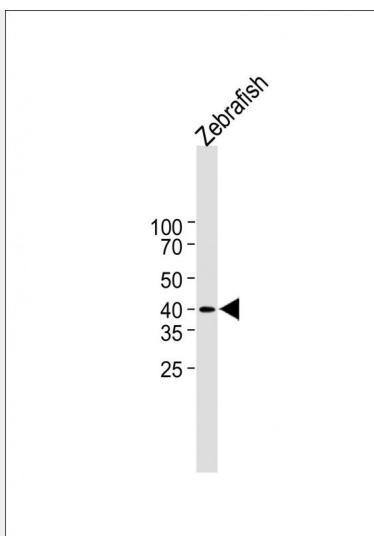
Zebrafish rx2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Zebrafish rx2 Antibody (N-term) - Images

Anti-rx2 Antibody (N-term) at 1:2000 dilution + zebrafish muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-Zebrafish rx2 Antibody (N-term) at 1:1000 dilution Lane 1: zebrafish whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 40kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Zebrafish rx2 Antibody (N-term) - Background

Plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation.

Zebrafish rx2 Antibody (N-term) - References

Mathers P.H.,et al.Nature 387:603-607(1997).