

## (DANRE) rx2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # Azb21571a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O42357</a>
<b>Reactivity</b>	Human, Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB48723
<b>Calculated MW</b>	37153

### Additional Information

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<b>Other Names</b>	Retinal homeobox protein Rx2, rx2
<b>Target/Specificity</b>	This DANRE 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 DANRE rx2.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	(DANRE) rx2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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<b>Name</b>	rx2
<b>Function</b>	Plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation.
<b>Cellular Location</b>	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00108, ECO:0000255   PROSITE-ProRule:PRU00138}
<b>Tissue Location</b>	Expressed in the outer nuclear layer, in cone photoreceptor

## Background

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

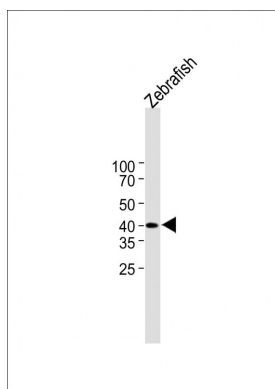
## References

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

## Images

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All lanes : Anti-(DANRE) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.