

**Zebrafish hey2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # Azb21564b**

## Specification

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### Zebrafish hey2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">O919L0</a>
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	34329
Antigen Region	224-260

### Zebrafish hey2 Antibody (C-term) - Additional Information

**Gene ID** 58146

#### Other Names

Hairy/enhancer-of-split related with YRPW motif protein 2, Protein gridlock, hey2, grl

#### Target/Specificity

This Zebrafish hey2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 224-260 amino acids from the C-terminal region of Zebrafish hey2.

#### Dilution

WB~~1:2000

#### 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 hey2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Zebrafish hey2 Antibody (C-term) - Protein Information

**Name** hey2

**Synonyms** grl

**Function** Transcriptional repressor (By similarity). Downstream effector of Notch signaling which

regulates cell fate choice in angioblasts. Represses the venous cell fate, thereby promoting the arterial cell fate and aorta formation.

#### Cellular Location

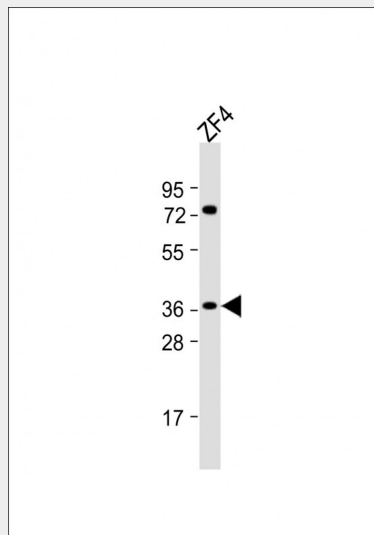
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00380, ECO:0000255|PROSITE-ProRule:PRU00981}

### Zebrafish hey2 Antibody (C-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 hey2 Antibody (C-term) - Images



Anti-Zebrafish hey2 Antibody (C-term) at 1:2000 dilution + ZF4 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

### Zebrafish hey2 Antibody (C-term) - Background

Transcriptional repressor (By similarity). Downstream effector of Notch signaling which regulates cell fate choice in angioblasts. Represses the venous cell fate, thereby promoting the arterial cell fate and aorta formation.

### Zebrafish hey2 Antibody (C-term) - References

- Zhong T.P., et al. *Science* 287:1820-1824(2000).  
Zhong T.P., et al. *Nature* 414:216-220(2001).  
Winkler C., et al. *Dev. Genes Evol.* 213:541-553(2003).