

**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="#">Q9I9L0</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.

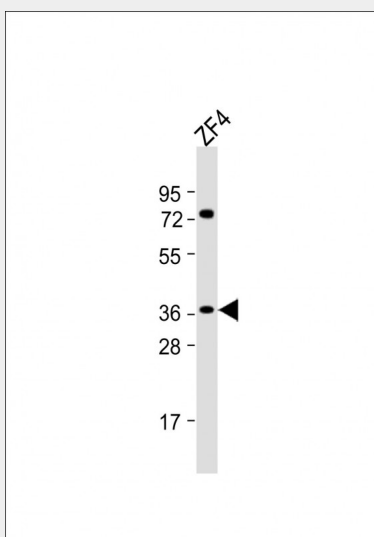
**Cellular Location**

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).