

Rabbit anti-Zebrafish hey2 Polyclonal Antibody | anti-hey2 antibody

Zebrafish hey2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28798	Rabbit	Zebrafish	Western Blot

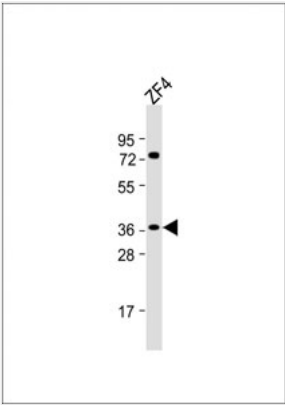
PRODUCT SYNONYMS

hey2; Polyclonal Antibody; Zebrafish hey2 Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); Hairy/enhancer-of-split related with YRPW motif protein 2; Protein gridlock; grl; anti-hey2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	Ig
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.
Form/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.
Sequence Length	324
Applicable Applications for anti-hey2 antibody	WB (Western Blot)
Application Notes	WB ~ 1:2000
Calculated MW	34329
Clone Names	RB53204
Cellular Location	Nucleus {ECO:0000255 PROSITE- ProRule:PRU00380, ECO:0000255 PROSITE-ProRule:PRU00981
Preparation and 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.

IMAGES



WB (Western Blot)
Anti-Zebrafish hey2 Antibody (C-term)at 1:2000 dilution + ZF4 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 34 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-hey2 antibody	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.
Product Categories/Family for anti-hey2 antibody	Zebrafish
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	225579021
NCBI GeneID	58146
NCBI Accession #	NP_571697.2
NCBI GenBank Nucleotide #	NM_131622.2
UniProt Accession #	Q9I9L0; Q24JW1
NCBI Official Full Name	hairy/enhancer-of-split related with YRPW motif protein 2
NCBI Official Synonym Full Names	hes-related family bHLH transcription factor with YRPW motif 2
NCBI Official Symbol	hey2
NCBI Official Synonym Symbols	grl; zgc:136746
NCBI Protein Information	hairy/enhancer-of-split related with YRPW motif protein 2
UniProt Protein Name	Hairy/enhancer-of-split related with YRPW motif protein 2
UniProt Gene Name	hey2
UniProt Synonym Gene Names	grl
UniProt Entry Name	HEY2_DANRE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

