Datasheet for ABIN1881411

anti-HEY2 antibody (C-Term)

1 Image | 3 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	HEY2
Binding Specificity:	AA 295-322, C-Term
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DANRE hey2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 295-322 amino acids from the C-terminal region of DANRE hey2.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HEY2
Alternative Name:	hey2 (HEY2 Products)
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.

Copyright antibodies-online. All rights reserved.

Target Details

Molecular Weight:	34329
NCBI Accession:	NP_571697
UniProt:	Q9I9L0
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

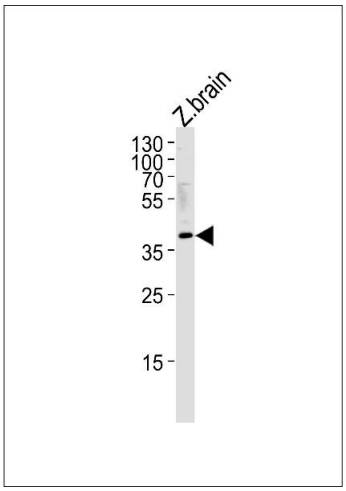
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Winkler, Elmasri, Klamt, Volff, Gessler: "Characterization of hey bHLH genes in teleost fish." in: **Development genes and evolution**, Vol. 213, Issue 11, pp. 541-53, (2003) (PubMed). Zhong, Childs, Leu, Fishman: "Gridlock signalling pathway fashions the first embryonic artery." in: **Nature**, Vol. 414, Issue 6860, pp. 216-20, (2001) (PubMed). Zhong, Rosenberg, Mohideen, Weinstein, Fishman: "gridlock, an HLH gene required for assembly of the aorta in zebrafish." in: **Science (New York, N.Y.)**, Vol. 287, Issue 5459, pp. 1820-4, (2000) (PubMed).



Western Blotting

Image 1. DANRE hey2 Antibody (C-term) Azb10024b western blot analysis in zebra fish brain tissue lysates (35 µg/lane).This demonstrates the DANRE hey2 antibody detected the DANRE hey2 protein (arrow).

Copyright antibodies-online. All rights reserved.