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Datasheet for ABIN1881434

anti-HOXD11 antibody (AA 128-155)

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Overview

Quantity:	400 µL
Target:	HOXD11
Binding Specificity:	AA 128-155
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DANRE hoxd11a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-155 amino acids from the Central region of DANRE hoxd11a.
Clone:	RB44516
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOXD11
Alternative Name:	hoxd11a (HOXD11 Products)
Background:	Sequence-specific transcription factor which is part of a developmental regulatory system that

Target Details

provides cells with specific positional identities on the anterior-posterior axis (By similarity).

Molecular Weight: 32046

NCBI Accession: [NP_571242](#)

UniProt: [Q90470](#)

Application Details

Application Notes: WB: 1:1000. 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: Sun, Sun, Chen, Liao, He, Wang, Chen, Hu, Qiu: "microRNA-27b shuttled by mesenchymal stem cell-derived exosomes prevents sepsis by targeting JMJD3 and downregulating NF-κB signaling pathway." in: **Stem cell research & therapy**, Vol. 12, Issue 1, pp. 14, (2021) ([PubMed](#)).

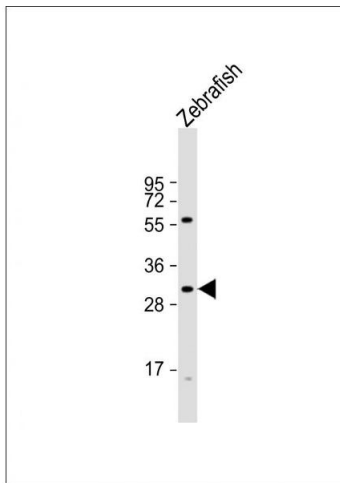
Reithmair, Buschmann, Märte, Kirchner, Hagl, Kaufmann, Pfob, Chouker, Steinlein, Pfaffl, Schelling: "Cellular and extracellular miRNAs are blood-compartment-specific diagnostic targets in sepsis." in: **Journal of cellular and molecular medicine**, Vol. 21, Issue 10, pp. 2403-2411, (2018) ([PubMed](#)).

Youn, Friesen, Kishimoto, Henne, Kurat, Ye, Ceccarelli, Sicheri, Kohlwein, McMahon, Andrews: "Dissecting BAR domain function in the yeast Amphiphysins Rvs161 and Rvs167 during endocytosis." in: **Molecular biology of the cell**, Vol. 21, Issue 17, pp. 3054-69, (2010) ([PubMed](#)).

Qian, Shi, Pang, Wu, Yu, Li, Wang, Zhou: "[Identification and expression of two new secretory proteins associated with prostate cancer]." in: **Yi chuan = Hereditas / Zhongguo yi chuan xue hui bian ji**, Vol. 32, Issue 3, pp. 235-41, (2010) ([PubMed](#)).

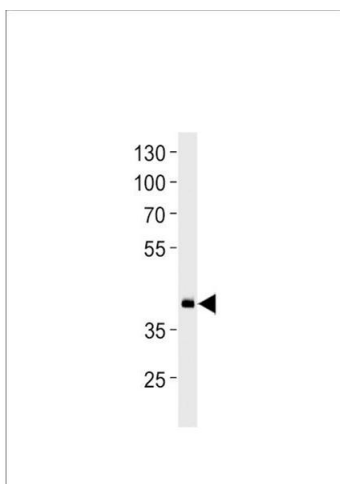
Hwangbo, Kim, Lee, Lee: "Activation of the integrin effector kinase focal adhesion kinase in cancer cells is regulated by crosstalk between protein kinase Calpha and the PDZ adapter protein mda-9/Syntenin." in: **Cancer research**, Vol. 70, Issue 4, pp. 1645-55, (2010) ([PubMed](#)).

Images



Western Blotting

Image 1. Anti-DANRE hoxd11a Antibody (Center) at 1:1000 dilution + Zebrafish lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. DANRE hoxd11a Antibody (Center) Azb10017a western blot analysis in zebra fish heart tissue lysates (35 µg/lane). This demonstrates the DANRE hoxd11a antibody detected the DANRE hoxd11a protein (arrow).