



Datasheet for ABIN1881426  
**anti-HOXA1A antibody (AA 192-219)**



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### Overview

Quantity:	400 µL
Target:	HOXA1A
Binding Specificity:	AA 192-219
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA1A antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This DANRE hoxa1a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-219 amino acids from the Central region of DANRE hoxa1a.
Clone:	RB44175
Isotype:	Ig Fraction
Predicted Reactivity:	X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	HOXA1A
Alternative Name:	hoxa1a ( <a href="#">HOXA1A Products</a> )

## Target Details

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Background:	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity).
Molecular Weight:	35737
NCBI Accession:	<a href="#">NP_571611</a>
UniProt:	<a href="#">Q98SI1</a>

## Application Details

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

## Handling

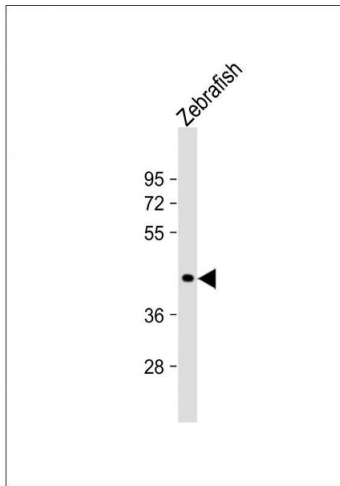
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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

## Publications

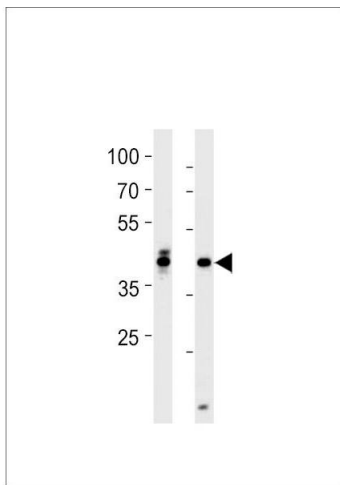
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Product cited in:	<p>Xiang, Jiang, Liu, Zhang, Zhu: "hMan2c1 transgene promotes tumor progress in mice." in: <b>Transgenic research</b>, Vol. 19, Issue 1, pp. 67-75, (2010) (<a href="#">PubMed</a>).</p> <p>Tian, Ju, Zhou, Liu, Zhu: "Inhibition of alpha-mannosidase Man2c1 gene expression suppresses growth of esophageal carcinoma cells through mitotic arrest and apoptosis." in: <b>Cancer science</b>, Vol. 99, Issue 12, pp. 2428-34, (2008) (<a href="#">PubMed</a>).</p> <p>Qu, Ju, Chen, Shi, Xiang, Zhou, Tian, Liu, Zhu: "Inhibition of the alpha-mannosidase Man2c1 gene expression enhances adhesion of Jurkat cells." in: <b>Cell research</b>, Vol. 16, Issue 7, pp. 622-31, (2006) (<a href="#">PubMed</a>).</p>
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### Western Blotting

**Image 1.** Anti-DANRE *hoxa1a* 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 : 36 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



### Western Blotting

**Image 2.** DANRE *hoxa1a* Antibody (Center) Azb10012a western blot analysis in zebra fish brain and heart tissue lysates (35 µg/lane). This demonstrates the DANRE *hoxa1a* antibody detected the DANRE *hoxa1a* protein (arrow).