

Datasheet for ABIN1881349  
**anti-FOXH1 antibody (AA 313-334)**



[Go to Product page](#)

2 Images

3 Publications

## Overview

Quantity:	400 µL
Target:	FOXH1
Binding Specificity:	AA 313-334
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXH1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This DANRE foxh1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 313-334 amino acids from the Central region of DANRE foxh1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	FOXH1
Alternative Name:	foxh1 ( <a href="#">FOXH1 Products</a> )
Background:	Transcriptional activator. Activates an activin response element (ARE). Recognizes and binds to the DNA sequence 5'-TGT[GT][GT]ATT-3'. Modulator of nodal signaling required for organizer formation. Also required for the development of dorsal axial structures and left-right symmetry.

## Target Details

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Molecular Weight:	51620
NCBI Accession:	<a href="#">NP_571577</a>
UniProt:	<a href="#">Q9I9E1</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</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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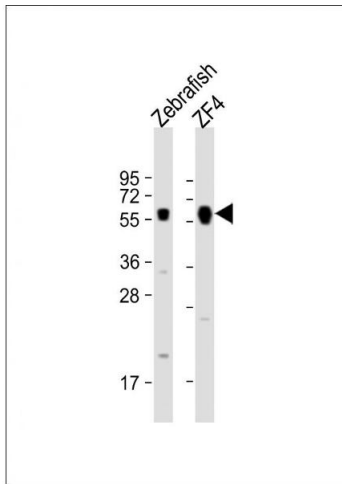
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Publications

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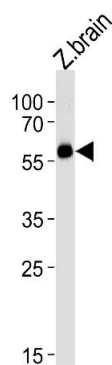
Product cited in:	<p>Boggetti, Argenton, Haffter, Bianchi, Cotelli, Beltrame: "Cloning and expression pattern of a zebrafish homolog of forkhead activin signal transducer (FAST), a transcription factor mediating Nodal-related signals." in: <b>Mechanisms of development</b>, Vol. 99, Issue 1-2, pp. 187-90, (2001) (<a href="#">PubMed</a>).</p> <p>Pogoda, Solnica-Krezel, Driever, Meyer: "The zebrafish forkhead transcription factor FoxH1/Fast1 is a modulator of nodal signaling required for organizer formation." in: <b>Current biology : CB</b>, Vol. 10, Issue 17, pp. 1041-9, (2000) (<a href="#">PubMed</a>).</p> <p>Sirotkin, Gates, Kelly, Schier, Talbot: "Fast1 is required for the development of dorsal axial structures in zebrafish." in: <b>Current biology : CB</b>, Vol. 10, Issue 17, pp. 1051-4, (2000) (<a href="#">PubMed</a>).</p>
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Images



**Western Blotting**

**Image 1.** All lanes : Anti-(DANRE) foxh1 Antibody (Center) at 1:1000 dilution Lane 1: Zebrafish lysate Lane 2: ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



**Western Blotting**

**Image 2.** DANRE foxh1 Antibody (Center) Azb10035a western blot analysis in zebra fish brain tissue lysates (35 µg/lane). This demonstrates the DANRE foxh1 antibody detected the DANRE foxh1 protein (arrow).