

# DANRE foxh1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # Azb10035a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9I9E1</a>
<b>Reactivity</b>	Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Calculated MW</b>	51620
<b>Antigen Region</b>	313-334

## Additional Information

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<b>Gene ID</b>	57930
<b>Other Names</b>	Forkhead box protein H1, Forkhead activin signal transducer 1, Fast-1, Schmalapur protein, foxh1, fast1, sur
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	DANRE foxh1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	foxh1
<b>Synonyms</b>	fast1, sur
<b>Function</b>	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.

## Cellular Location

Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00089,  
ECO:0000269 | PubMed:10996071}

## 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.

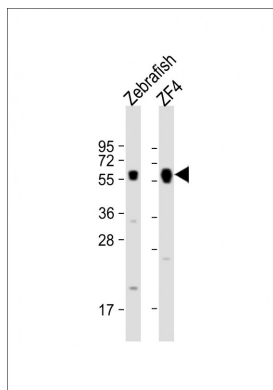
## References

Pogoda H.-M., et al. Curr. Biol. 10:1041-1049(2000).

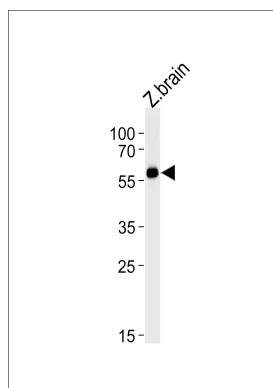
Sirotkin H.I., et al. Curr. Biol. 10:1051-1054(2000).

Boggetti B., et al. Mech. Dev. 99:187-190(2000).

## Images



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.



DANRE foxh1 Antibody (Center) (Cat. #Azb10035a)  
western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the DANRE foxh1 antibody detected the DANRE foxh1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.