10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DANRE foxh1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10035a

Product Information

Application	WB, E
Primary Accession	Q9I9E1
Reactivity	Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51620
Antigen Region	313-334

Additional Information

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

Protein Information

Name	foxh1
Synonyms	fast1, sur
Function	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}

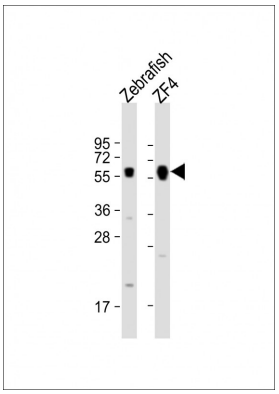
Background

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.

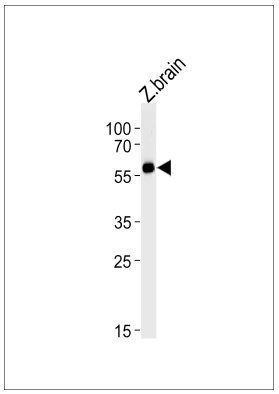
References

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'.