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DANRE hoxa1a Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10012a

Product Information

Application	WB, E
Primary Accession	Q98SI1
Other Accession	Q08821
Reactivity	Zebrafish
Predicted	Xenopus, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35737
Antigen Region	192-219

Additional Information

Gene ID	58051
Other Names	Homeobox protein Hox-A1a, Hox-A1, hoxa1a, hoxa1
Target/Specificity	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.
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 hoxa1a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	hoxa1a
Synonyms	hoxa1
Function	Sequence-specific transcription factor. Part of a developmental regulatory system that provides cells with specific positional identities on the

anterior-posterior axis (By similarity).

Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

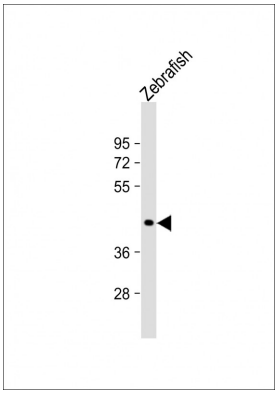
Background

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).

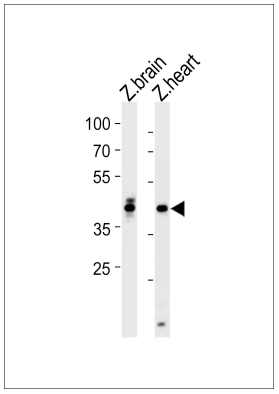
References

McClintock J.M., et al. Development 128:2471-2484(2001).
Amores A., et al. Science 282:1711-1714(1998).
Corredor-Adamez M., et al. Evol. Dev. 7:362-375(2005).

Images



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.



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

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