

DANRE hoxa1a Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10012a

Specification

DANRE hoxa1a Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O98S11
Other Accession	Q08821
Reactivity	Zebrafish
Predicted	Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35737
Antigen Region	192-219

DANRE hoxa1a Antibody (Center) - 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

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.

DANRE hoxa1a Antibody (Center) - 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

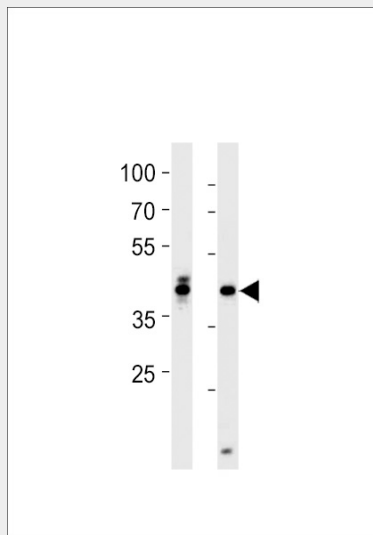
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

DANRE hoxa1a Antibody (Center) - Protocols

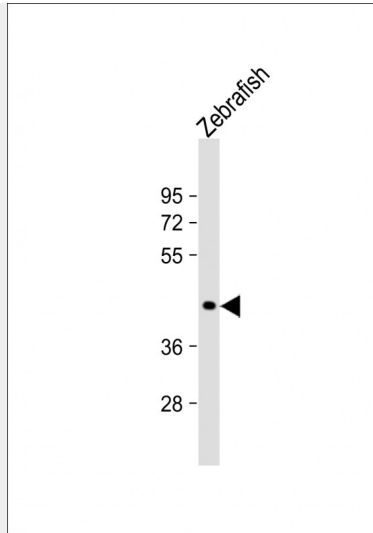
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DANRE hoxa1a Antibody (Center) - Images



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).



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% NFD/MTBST.

DANRE *hoxa1a* Antibody (Center) - 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).

DANRE *hoxa1a* Antibody (Center) - 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).