

Zebrafish hoxa1a Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb10012a**Specification**

Zebrafish hoxa1a Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q98SI1
Other Accession	Q08821
Reactivity	Zebrafish
Predicted	Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	192-219

Zebrafish hoxa1a Antibody (Center) - Additional Information**Gene ID** 58051**Other Names**

Homeobox protein Hox-A1a, Hox-A1, hoxa1a, hoxa1

Target/Specificity

This Zebrafish hoxa1a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-219 amino acids from the central region of zebrafish 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

Zebrafish hoxa1a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Zebrafish 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

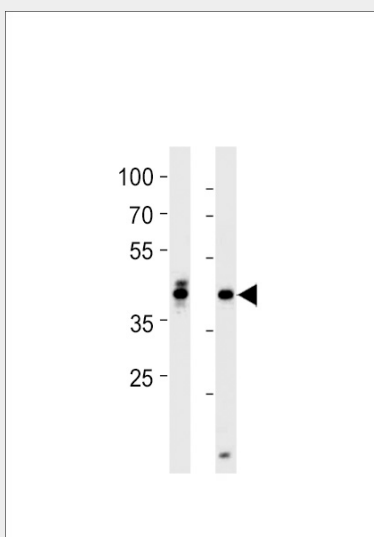
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

Zebrafish hoxa1a Antibody (Center) - Protocols

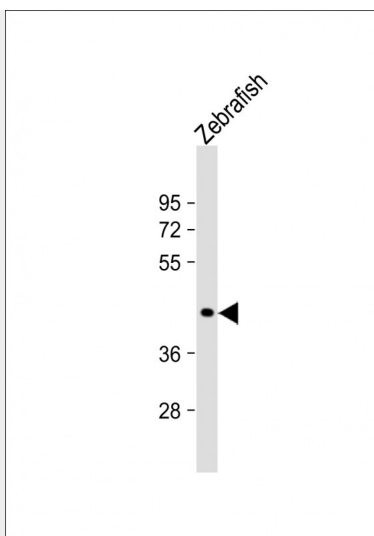
Provided below are standard protocols that you may find useful for product applications.

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

Zebrafish hoxa1a Antibody (Center) - Images



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



Anti-Zebrafish *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.

Zebrafish *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).

Zebrafish *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).