

Anti-Zebrafish FOXJ1A Antibody

Catalog Number: AZF1QDF8

About FOXJ1A

Enables sequence-specific DNA binding activity. Acts upstream of or within several processes, including central canal development; cerebrospinal fluid circulation; and determination of heart left/right asymmetry. Predicted to be active in nucleus. Is expressed in several structures, including embryonic structure; mesoderm; nervous system; neural tube; and renal system. Human ortholog(s) of this gene implicated in primary ciliary dyskinesia 43. Orthologous to human FOXJ1 (forkhead box J1).

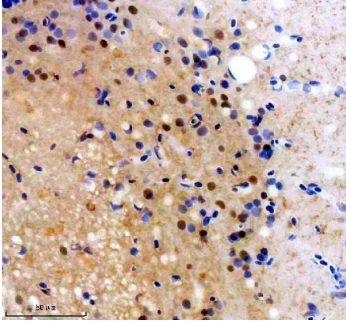
Overview

Product Name	Anti-Zebrafish FOXJ1A Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish FOXJ1A Antibody catalog # AZF1QDF8. Tested in IHC applications. This antibody reacts with Zebrafish.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	F1QDF8

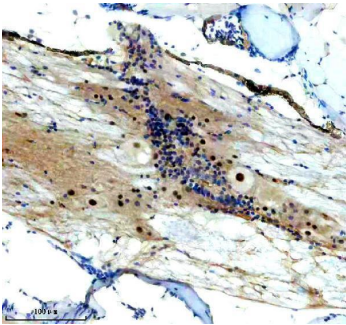
Technical Details

Immunogen	E.coli-derived Zebrafish FOXJ1A recombinant protein (Position: K217-S338).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

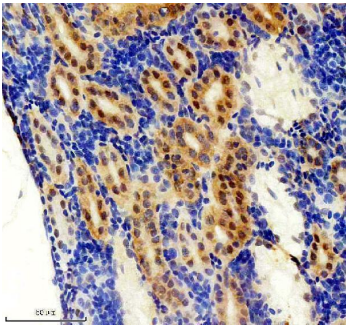
Anti-Zebrafish FOXJ1A Antibody (AZF1QDF8) Images



IHC analysis of FOXJ1A using anti-FOXJ1A antibody (AZF1QDF8). FOXJ1A was detected in a paraffin-embedded section of zebrafish brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-FOXJ1A Antibody (AZF1QDF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of FOXJ1A using anti-FOXJ1A antibody (AZF1QDF8). FOXJ1A was detected in a paraffin-embedded section of zebrafish spinal cord tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-FOXJ1A Antibody (AZF1QDF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of FOXJ1A using anti-FOXJ1A antibody (AZF1QDF8). FOXJ1A was detected in a paraffin-embedded section of zebrafish kidney tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-FOXJ1A Antibody (AZF1QDF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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