BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish FOXC1A Antibody

Catalog Number: AZQ9DE25

About FOXC1A

Enables chromatin binding activity. Acts upstream of or within with a positive effect on vascular associated smooth muscle cell differentiation. Acts upstream of or within several processes, including determination of left/right symmetry; glomerulus development; and regulation of signal transduction. Predicted to be located in nucleus. Is expressed in several structures, including head; mesenchyme; mesoderm; trunk; and vasculature. Used to study Axenfeld-Rieger syndrome. Human ortholog(s) of this gene implicated in Axenfeld-Rieger syndrome; Axenfeld-Rieger syndrome type 3; anterior segment dysgenesis 3; and glaucoma. Orthologous to human FOXC1 (forkhead box C1).

Overview

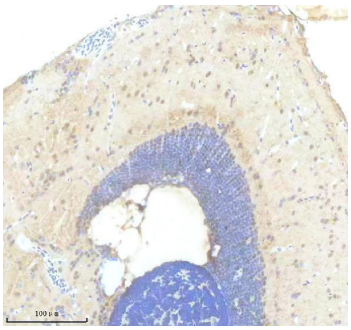
Product Name	Anti-Zebrafish FOXC1A Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish FOXC1A Antibody catalog # AZQ9DE25. Tested in IHC applications. This antibody reacts with Zebrafish.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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	Q9DE25

Technical Details

Immunogen	E.coli-derived Zebrafish FOXC1A recombinant protein (Position: P38-F476).
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

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish FOXC1A Antibody (AZQ9DE25) Images



IHC analysis of FOXC1A using anti-FOXC1A antibody (AZQ9DE25). FOXC1A 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-FOXC1A Antibody (AZQ9DE25) 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.

Anti-Zebrafish FOXC1A Antibody

For Research Use Only. Not for use in diagnostic procedures.