

Anti-Zebrafish FOXE3 Antibody

Catalog Number: AZB0UXI3

About FOXE3

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Acts upstream of or within aorta development; lens morphogenesis in camera-type eye; and negative regulation of lens fiber cell differentiation. Predicted to be located in nucleus. Is expressed in several structures, including adenohipophyseal placode; hatching gland; lens; lens placode; and optic primordium. Human ortholog(s) of this gene implicated in anterior segment dysgenesis; anterior segment dysgenesis 2; cataract 34 multiple types; and thoracic aortic aneurysm. Orthologous to human FOXE3 (forkhead box E3).

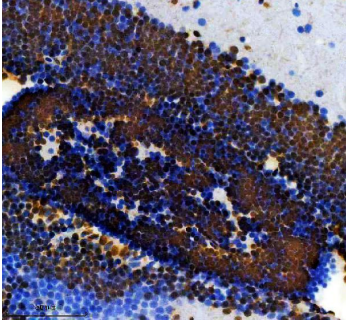
Overview

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|----------------------|---|
| Product Name | Anti-Zebrafish FOXE3 Antibody |
| Reactive Species | Zebrafish |
| Description | Boster Bio Anti-Zebrafish FOXE3 Antibody catalog # AZB0UXI3. 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 | B0UXI3 |

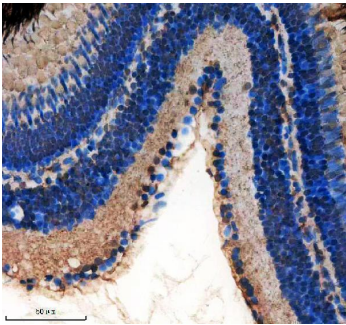
Technical Details

| | |
|---------------------|---|
| Immunogen | E.coli-derived Zebrafish FOXE3 recombinant protein (Position: M1-T349). |
| 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, 2-5 ug/ml, Zebrafish |

Anti-Zebrafish FOXE3 Antibody (AZB0UXI3) Images



IHC analysis of FOXE3 using anti-FOXE3 antibody (AZB0UXI3). FOXE3 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-FOXE3 Antibody (AZB0UXI3) 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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