

Anti-Zebrafish FGF20A Antibody

Catalog Number: AZQ38PLO

About FGF20A

Predicted to enable fibroblast growth factor receptor binding activity and growth factor activity. Acts upstream of or within anatomical structure homeostasis; fin regeneration; and regulation of bone remodeling. Predicted to be active in cytoplasm and extracellular space. Is expressed in caudal fin; dermatocranium; inter-frontal joint; and kidney. Human ortholog(s) of this gene implicated in renal agenesis. Orthologous to human FGF20 (fibroblast growth factor 20).

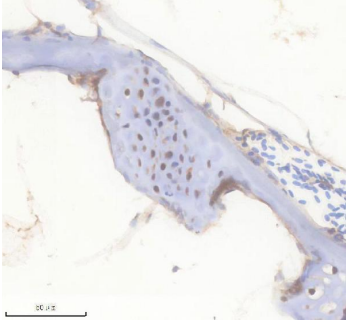
Overview

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|----------------------|---|
| Product Name | Anti-Zebrafish FGF20A Antibody |
| Reactive Species | Zebrafish |
| Description | Boster Bio Anti-Zebrafish FGF20A Antibody catalog # AZQ38PLO. 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 | Q38PLO |

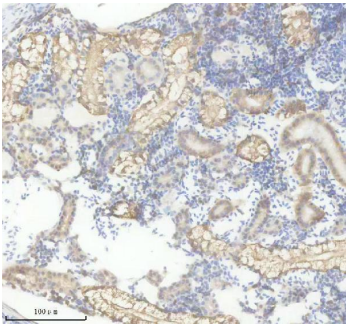
Technical Details

| | |
|---------------------|---|
| Immunogen | E.coli-derived Zebrafish FGF20A recombinant protein (Position: S10-S208). |
| 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 |

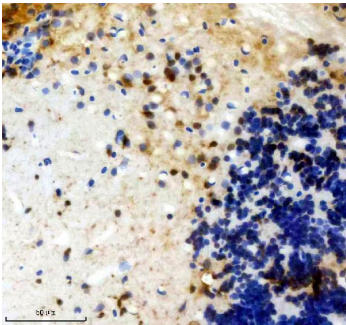
Anti-Zebrafish FGF20A Antibody (AZQ38PL0) Images



IHC analysis of FGF20A using anti-FGF20A antibody (AZQ38PL0). FGF20A was detected in a paraffin-embedded section of zebrafish bone 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-FGF20A Antibody (AZQ38PL0) 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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