BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish PTF1A Antibody

Catalog Number: AZQ7ZSX3

About PTF1A

Enables DNA-binding transcription factor activity and sequence-specific DNA binding activity. Acts upstream of or within several processes, including exocrine pancreas development; neuron differentiation; and positive regulation of DNA-templated transcription. Predicted to be located in cytoplasm and nucleus. Predicted to be part of transcription regulator complex. Is expressed in several structures, including exocrine cell; intestinal bulb primordium; mid intestine; nervous system; and pancreatic system. Human ortholog(s) of this gene implicated in pancreatic agenesis 2. Orthologous to human PTF1A (pancreas associated transcription factor 1a).

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Overview

Product Name	Anti-Zebrafish PTF1A Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish PTF1A Antibody catalog # AZQ7ZSX3. 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	Q7ZSX3

Technical Details

Immunogen	E.coli-derived Zebrafish PTF1A recombinant protein (Position: D27-S265).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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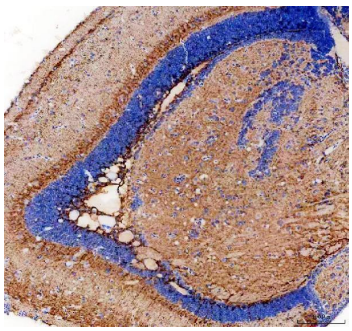
Anti-Zebrafish PTF1A Antibody (AZQ7ZSX3) Images



IHC analysis of PTF1A using anti-PTF1A antibody (AZQ7ZSX3). PTF1A 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-PTF1A Antibody (AZQ7ZSX3) 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 PTF1A Antibody

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