BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish GNRH2 Antibody

Catalog Number: AZQ5Y835

About GNRH2

Predicted to enable gonadotropin hormone-releasing hormone activity and gonadotropin-releasing hormone receptor binding activity. Acts upstream of or within brain development; camera-type eye development; and regulation of feeding behavior. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in several structures, including brain; female organism; gonad; male organism; and musculature system. Orthologous to human GNRH2 (gonadotropin releasing hormone 2).

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Overview

Product Name	Anti-Zebrafish GNRH2 Antibody
Reactive Species	Zebrafish
Description	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.Immunogen affinity purified.Predicted to enable gonadotropin hormone-releasing hormone activity and gonadotropin-releasing hormone receptor binding activity. Acts upstream of or within brain development; camera-type eye development; and regulation of feeding behavior. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in several structures, including brain; female organism; gonad; male organism; and musculature system. Orthologous to human GNRH2 (gonadotropin releasing hormone 2).E.coli-derived Zebrafish GNRH2 recombinant protein (Position: Q25-K86)anti-zebrafish-gnrh2-antibody-azq5y835-bosterAnti-Zebrafish GNRH2 AntibodyBoster Bio Anti-Zebrafish GNRH2 Antibody catalog # AZQ5Y835. Tested in IHC applications. This antibody reacts with Zebrafish. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
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	Q5Y835

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Technical Details

Immunogen	E.coli-derived Zebrafish GNRH2 recombinant protein (Position: Q25-K86)
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

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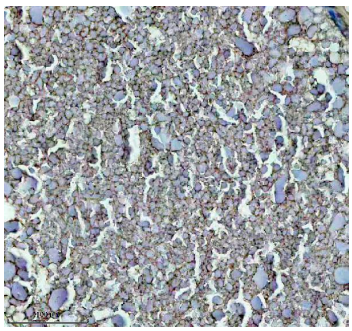
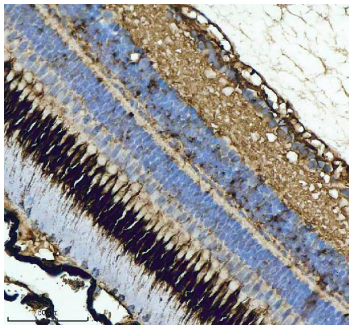
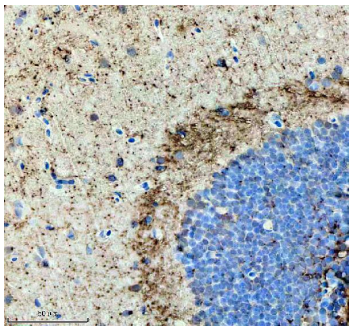
Anti-Zebrafish GNRH2 Antibody (AZQ5Y835) Images



IHC analysis of GNRH2 using anti-GNRH2 antibody (AZQ5Y835). GNRH2 was detected in a paraffin-embedded section of zebrafish ovary 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-GNRH2 Antibody (AZQ5Y835) 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 GNRH2 using anti-GNRH2 antibody (AZQ5Y835). GNRH2 was detected in a paraffin-embedded section of zebrafish eye 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-GNRH2 Antibody (AZQ5Y835) 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 GNRH2 using anti-GNRH2 antibody (AZQ5Y835). GNRH2 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-GNRH2 Antibody (AZQ5Y835) 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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