BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish HER4(1+2+3+5) Antibody

Catalog Number: AZQ90466

About HER4(1+2+3+5)

Enables double-stranded DNA binding activity. Acts upstream of or within several processes, including Notch signaling pathway; nervous system development; and somite specification. Predicted to be active in nucleus. Is expressed in several structures, including anterior neural rod; embryonic structure; nervous system; neural keel; and segmental plate.

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Overview

Product Name	Anti-Zebrafish HER4(1+2+3+5) 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.Enables double-stranded DNA binding activity. Acts upstream of or within several processes, including Notch signaling pathway; nervous system development; and somite specification. Predicted to be active in nucleus. Is expressed in several structures, including anterior neural rod; embryonic structure; nervous system; neural keel; and segmental plate.E.coli-derived Zebrafish HER4(1+2+3+5) recombinant protein (Position: M1-W152)anti-zebrafish-her4-1-2-3-5-antibody-azq90466-bosterAnti-Zebrafish HER4(1+2+3+5) AntibodyBoster Bio Anti-Zebrafish HER4(1+2+3+5) Antibody catalog # AZQ90466. 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	Q90466

Technical Details

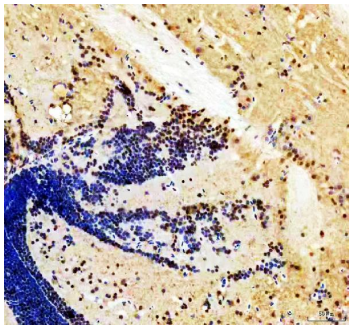
Immunogen	E.coli-derived Zebrafish HER4(1+2+3+5) recombinant protein (Position: M1-W152)

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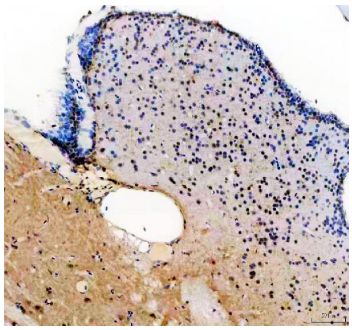
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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Anti-Zebrafish HER4(1+2+3+5) Antibody (AZQ90466) Images



IHC analysis of HER4(1+2+3+5) using anti-HER4(1+2+3+5) antibody (AZQ90466). HER4(1+2+3+5) 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-HER4(1+2+3+5) Antibody (AZQ90466) 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 HER4(1+2+3+5) using anti-HER4(1+2+3+5) antibody (AZQ90466). HER4(1+2+3+5) 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-HER4(1+2+3+5) Antibody (AZQ90466) 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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