

## 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.

### Overview

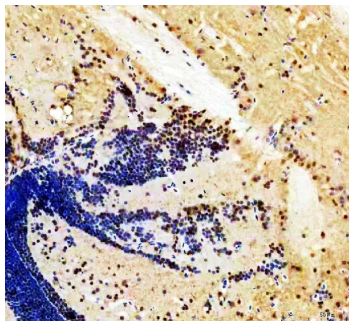
|                      |  |
|----------------------|--|
| Product Name         | Anti-Zebrafish HER4(1+2+3+5) Antibody  |
| Reactive Species     | Zebrafish  |
| Description          | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. Adding 0.2 ml of distilled water will yield 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-boster Anti-Zebrafish HER4(1+2+3+5) Antibody Boster 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 Na <sub>2</sub> HPO <sub>4</sub> .  |
| 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

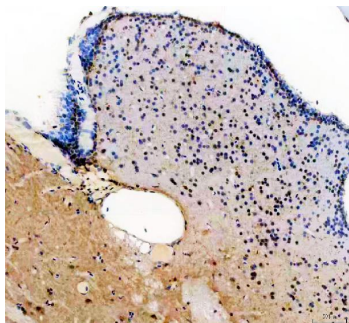
|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived Zebrafish HER4(1+2+3+5) recombinant protein (Position: M1-W152) |
| Form                | Lyophilized  |
| Concentration       | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.      |
| Purification        | Immunogen affinity purified.   |
| Suggested Dilutions | Immunohistochemistry (Paraffin-embedded Section), 2-5 ug/ml, Zebrafish         |



## Anti-Zebrafish 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.



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