BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish GSDMEA Antibody

Catalog Number: AZE7F9U2

About GSDMEA

Acts upstream of or within with a positive effect on pyroptotic inflammatory response. Predicted to be located in endomembrane system. Predicted to be active in cytoplasm. Is expressed in several structures, including gill; heart; inner ear; neuromast; and pleuroperitoneal region. Human ortholog(s) of this gene implicated in autosomal dominant nonsyndromic deafness 5 and sensorineural hearing loss. Orthologous to human GSDME (gasdermin E).

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Overview

Product Name	Anti-Zebrafish GSDMEA Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish GSDMEA Antibody catalog # AZE7F9U2. Tested in IHC applications.
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	E7F9U2

Technical Details

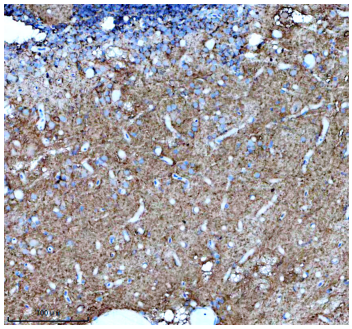
Immunogen	E.coli-derived Zebrafish GSDMEA recombinant protein (Position: Q47-T280).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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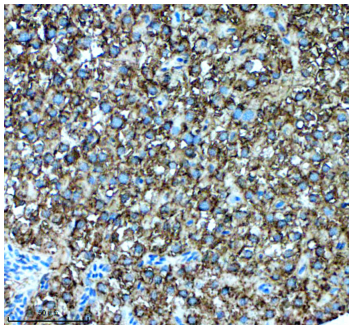
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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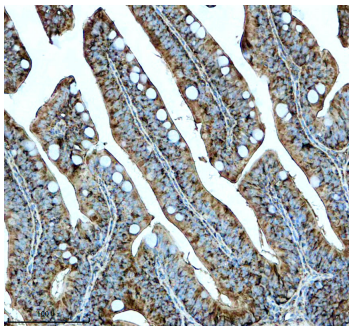
Anti-Zebrafish GSDMEA Antibody (AZE7F9U2) Images



IHC analysis of GSDMEA using anti-GSDMEA antibody (AZE7F9U2). GSDMEA 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-GSDMEA Antibody (AZE7F9U2) 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 GSDMEA using anti-GSDMEA antibody (AZE7F9U2). GSDMEA was detected in a paraffin-embedded section of zebrafish liver 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-GSDMEA Antibody (AZE7F9U2) 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 GSDMEA using anti-GSDMEA antibody (AZE7F9U2). GSDMEA was detected in a paraffin-embedded section of zebrafish intestine 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-GSDMEA Antibody (AZE7F9U2) 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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