BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish GDF9 Antibody

Catalog Number: AZQ5MD90

About GDF9

Predicted to enable cytokine activity. Acts upstream of or within female sex determination. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in fertilized egg; gonad; and immature gonad. Human ortholog(s) of this gene implicated in primary ovarian insufficiency 14. Orthologous to human GDF9 (growth differentiation factor 9).

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Overview

Product Name	Anti-Zebrafish GDF9 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish GDF9 Antibody catalog # AZQ5MD90. 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	Q5MD90

Technical Details

Immunogen	E.coli-derived Zebrafish GDF9 recombinant protein (Position: T295-R418).
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, 2-5 ug/ml, Zebrafish

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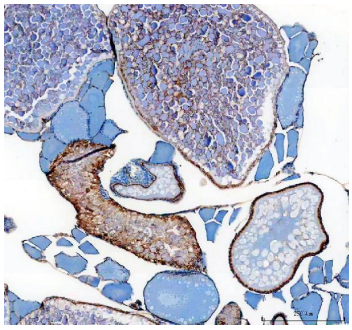
Anti-Zebrafish GDF9 Antibody (AZQ5MD90) Images



IHC analysis of GDF9 using anti-GDF9 antibody (AZQ5MD90). GDF9 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-GDF9 Antibody (AZQ5MD90) 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 GDF9 Antibody

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