BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish Vitamin D binding protein/GC Antibody

Catalog Number: AZA0A0R4ITN2

About GC

Predicted to enable vitamin D binding activity. Predicted to be involved in response to nutrient levels and vitamin D metabolic process. Predicted to be located in extracellular region. Is expressed in hepatocyte; kidney; liver; and testis. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); chronic obstructive pulmonary disease; hepatocellular carcinoma; human immunodeficiency virus infectious disease; and rheumatic fever. Orthologous to human GC (GC vitamin D binding protein).

Overview

Product Name	Anti-Zebrafish Vitamin D binding protein/GC Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish Vitamin D binding protein/GC Antibody catalog # AZA0A0R4ITN2. 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	A0A0R4ITN2

Technical Details

Immunogen	E.coli-derived Zebrafish Vitamin D binding protein/GC recombinant protein (Position: D20-A465).
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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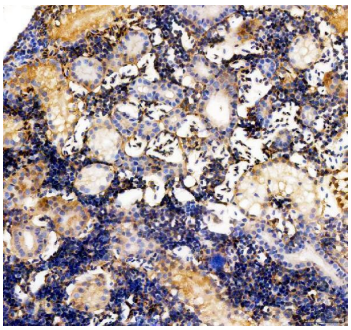
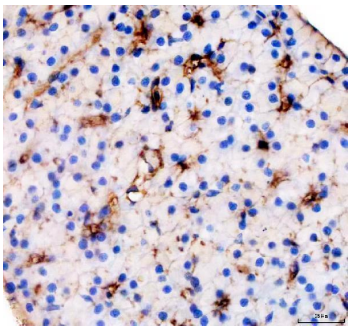
Anti-Zebrafish Vitamin D binding protein/GC Antibody (AZA0A0R4ITN2) Images



IHC analysis of Vitamin D binding protein/GC using anti-Vitamin D binding protein/GC antibody (AZA0A0R4ITN2). Vitamin D binding protein/GC was detected in a paraffin-embedded section of zebrafish kidney 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-Vitamin D binding protein/GC Antibody (AZA0A0R4ITN2) 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 Vitamin D binding protein/GC using anti-Vitamin D binding protein/GC antibody (AZA0A0R4ITN2). Vitamin D binding protein/GC 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-Vitamin D binding protein/GC Antibody (AZA0A0R4ITN2) 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 Vitamin D binding protein/GC Antibody

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