

## Anti-Zebrafish VTG2 Antibody

Catalog Number: AZQ1MTC4

### About VTG2

Enables lipopolysaccharide binding activity and lipoteichoic acid binding activity. Acts upstream of or within positive regulation of phagocytosis, engulfment; response to estradiol; and vitelline membrane formation. Is expressed in atrium; digestive system; female organism; and male organism.

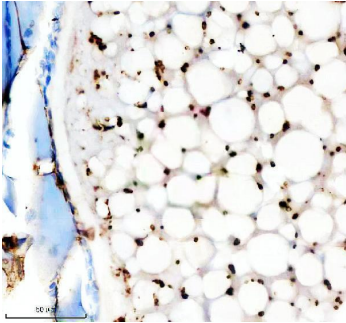
### Overview

Product Name	Anti-Zebrafish VTG2 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish VTG2 Antibody catalog # AZQ1MTC4. 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	Q1MTC4

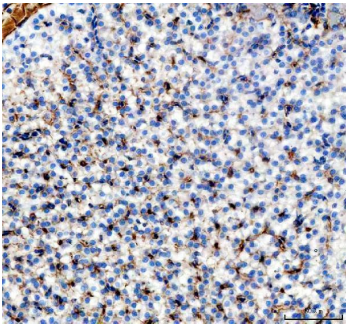
### Technical Details

Immunogen	E.coli-derived Zebrafish VTG2 recombinant protein (Position: Q44-K855).
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

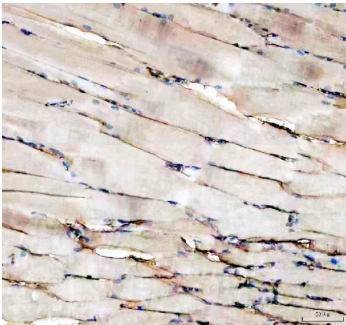
## Anti-Zebrafish VTG2 Antibody (AZQ1MTC4) Images



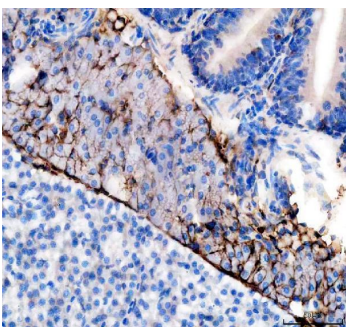
IHC analysis of VTG2 using anti-VTG2 antibody (AZQ1MTC4). VTG2 was detected in a paraffin-embedded section of zebrafish ovary tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-VTG2 Antibody (AZQ1MTC4) 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 VTG2 using anti-VTG2 antibody (AZQ1MTC4). VTG2 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-VTG2 Antibody (AZQ1MTC4) 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 VTG2 using anti-VTG2 antibody (AZQ1MTC4). VTG2 was detected in a paraffin-embedded section of zebrafish skeletal muscle 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-VTG2 Antibody (AZQ1MTC4) 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 VTG2 using anti-VTG2 antibody (AZQ1MTC4). VTG2 was detected in a paraffin-embedded section of zebrafish pancreas 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-VTG2 Antibody (AZQ1MTC4) 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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