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

Anti-Zebrafish ENDOG Antibody

Catalog Number: AZQ503Y0

About ENDOG

Predicted to enable DNA endonuclease activity and RNA endonuclease activity. Predicted to be involved in apoptotic DNA fragmentation. Predicted to be located in mitochondrion. Predicted to be active in mitochondrial inner membrane and nucleus. Orthologous to human ENDOG (endonuclease G).

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Overview

Product Name	Anti-Zebrafish ENDOG Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish ENDOG Antibody catalog # AZQ503Y0. 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	Q503Y0

Technical Details

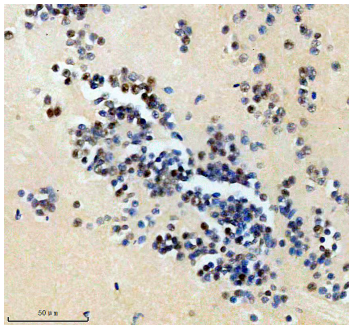
Immunogen	E.coli-derived Zebrafish ENDOG recombinant protein (Position: G30-E282).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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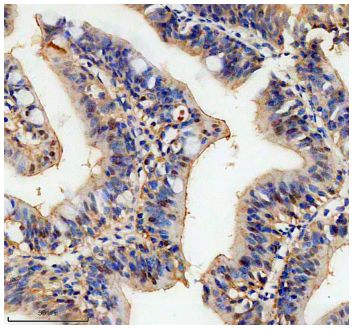
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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Anti-Zebrafish ENDOG Antibody (AZQ503Y0) Images



IHC analysis of ENDOG using anti-ENDOG antibody (AZQ503Y0). ENDOG 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-ENDOG Antibody (AZQ503Y0) 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 ENDOG using anti-ENDOG antibody (AZQ503Y0). ENDOG 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-ENDOG Antibody (AZQ503Y0) 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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