

Anti-Zebrafish TRPM2 Antibody

Catalog Number: AZA0A0R4IMY7

About TRPM2

Enables calcium ion binding activity; ligand-gated calcium channel activity; and mono-ADP-D-ribose binding activity. Involved in calcium ion transmembrane transport and protein homotetramerization. Located in plasma membrane. Is expressed in integument; keratinocyte; nervous system; and solid lens vesicle. Orthologous to human TRPM2 (transient receptor potential cation channel subfamily M member 2).

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Overview

Product Name	Anti-Zebrafish TRPM2 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish TRPM2 Antibody catalog # AZA0A0R4IMY7. 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 ₂ HPO ₄ .
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	A0A0R4IMY7

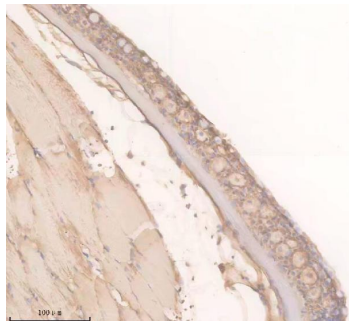
Technical Details

Immunogen	E.coli-derived Zebrafish TRPM2 recombinant protein (Position: E54-F1470).
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 TRPM2 Antibody (AZA0A0R4IMY7) Images



IHC analysis of TRPM2 using anti-TRPM2 antibody (AZA0A0R4IMY7). TRPM2 was detected in a paraffin-embedded section of zebrafish integument 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-TRPM2 Antibody (AZA0A0R4IMY7) 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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For Research Use Only. Not for use in diagnostic procedures.