BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish AGO4 Antibody Picoband®

Catalog Number: AZK4IAH1

About AGO4

AGO4 (Argonaute 4) is also known as EIF2C4. This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic containing PAZ and PIWI domains, and it may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and eukaryotic translation initiation factor 2C, 1.

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Overview

Product Name	Anti-Zebrafish AGO4 Antibody Picoband®
Reactive Species	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	K4IAH1

Technical Details

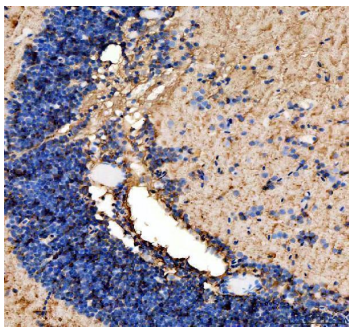
Immunogen	E.coli-derived zebrafish AGO4 recombinant protein (Position: K116-L161).
Recommended Detection Systems	HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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

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Anti-Zebrafish AGO4 Antibody Picoband® (AZK4IAH1) Images



IHC analysis of Zebrafish AGO4 using anti-Zebrafish AGO4 antibody (AZK4IAH1). Zebrafish AGO4 was detected in paraffin-embedded section of zebrafish cerebellum tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-Zebrafish AGO4 Antibody (AZK4IAH1) 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 AGO4 Antibody

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