BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish PDGFR alpha/PDGFRA Antibody

Catalog Number: AZQ9DE49

About PDGFRA

Predicted to enable platelet-derived growth factor alpha-receptor activity and platelet-derived growth factor binding activity. Acts upstream of or within several processes, including circulatory system development; embryonic neurocranium morphogenesis; and neural crest cell migration. Predicted to be located in Golgi apparatus and cilium. Predicted to be part of receptor complex. Predicted to be active in plasma membrane. Is expressed in several structures, including cardiovascular system; head; mesoderm; nervous system; and neural crest. Human ortholog(s) of this gene implicated in hematologic cancer (multiple); hypereosinophilic syndrome; and pancreatic cancer. Orthologous to human PDGFRA (platelet derived growth factor receptor alpha).

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Overview

Product Name	Anti-Zebrafish PDGFR alpha/PDGFRA Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish PDGFR alpha/PDGFRA Antibody catalog # AZQ9DE49. 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	Q9DE49

Technical Details

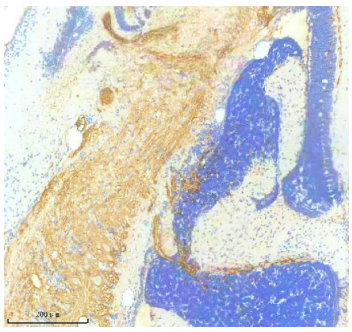
Immunogen	E.coli-derived Zebrafish PDGFR alpha/PDGFRA recombinant protein (Position: Y93-E469).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

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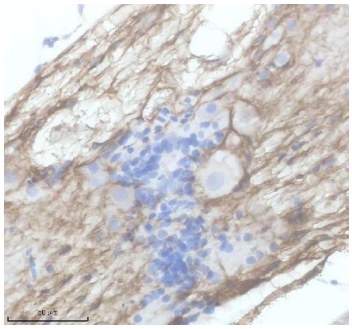
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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Anti-Zebrafish PDGFR alpha/PDGFRA Antibody (AZQ9DE49) Images



IHC analysis of PDGFRA using anti-PDGFRA antibody (AZQ9DE49). PDGFRA 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-PDGFRA Antibody (AZQ9DE49) 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 PDGFRA using anti-PDGFRA antibody (AZQ9DE49). PDGFRA was detected in a paraffin-embedded section of zebrafish spinal cord 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-PDGFRA Antibody (AZQ9DE49) 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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