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

Anti-Zebrafish IL6R Antibody

Catalog Number: AZA0A8M1PAC4

About IL6R

Predicted to enable cytokine binding activity and cytokine receptor activity. Acts upstream of or within positive regulation of neutrophil chemotaxis and wound healing. Predicted to be located in membrane. Predicted to be part of receptor complex. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including epidermis; immune system; lateral line; liver; and peripheral olfactory organ. Human ortholog(s) of this gene implicated in Alzheimer's disease; Huntington's disease; hyper IgE syndrome; obesity; and stomach cancer. Orthologous to human IL6R (interleukin 6 receptor).

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Overview

Product Name	Anti-Zebrafish IL6R Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish IL6R Antibody catalog # AZA0A8M1PAC4. Tested in IHC applications.
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	A0A8M1PAC4

Technical Details

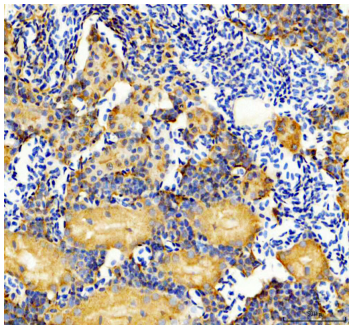
Immunogen	E.coli-derived Zebrafish IL6R recombinant protein (Position: D54-E604).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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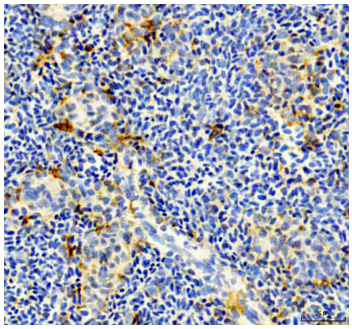
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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Anti-Zebrafish IL6R Antibody (AZA0A8M1PAC4) Images



IHC analysis of IL6R using anti-IL6R antibody (AZA0A8M1PAC4). IL6R was detected in a paraffin-embedded section of zebrafish kidney 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-IL6R Antibody (AZA0A8M1PAC4) 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 IL6R using anti-IL6R antibody (AZA0A8M1PAC4). IL6R was detected in a paraffin-embedded section of zebrafish spleen 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-IL6R Antibody (AZA0A8M1PAC4) 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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