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

Anti-Zebrafish STEAP3 Antibody

Catalog Number: AZA0A8M1RHF3

About STEAP3

Predicted to enable cupric reductase (NADH) activity and ferric-chelate reductase (NADPH) activity. Predicted to be involved in copper ion import. Predicted to act upstream of or within iron ion transport. Predicted to be located in endosome membrane. Predicted to be active in endosome and plasma membrane. Is expressed in kidney. Orthologous to human STEAP3 (STEAP3 metalloreductase).

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Overview

Product Name	Anti-Zebrafish STEAP3 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish STEAP3 Antibody catalog # AZA0A8M1RHF3. 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	A0A8M1RHF3

Technical Details

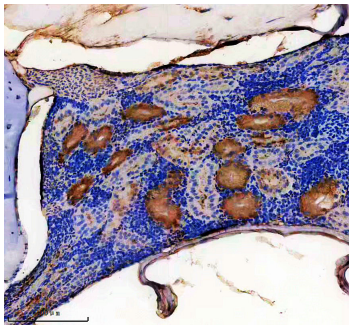
Immunogen	E.coli-derived Zebrafish STEAP3 recombinant protein (Position: H327-Y423).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

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

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Anti-Zebrafish STEAP3 Antibody (AZA0A8M1RHF3) Images



IHC analysis of STEAP3 using anti-STEAP3 antibody (AZA0A8M1RHF3). STEAP3 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-STEAP3 Antibody (AZA0A8M1RHF3) 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 STEAP3 Antibody

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