

Anti-Zebrafish NPEPPS Antibody

Catalog Number: AZA0A8M1NSE3

About NPEPPS

Puromycin-sensitive amino peptidase also known as cytosol alanyl aminopeptidase or alanine aminopeptidase (AAP) is an enzyme that in humans is encoded by the NPEPPS gene. This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle.

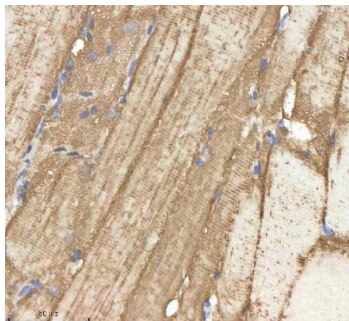
Overview

Product Name	Anti-Zebrafish NPEPPS Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NPEPPS Antibody catalog # AZA0A8M1NSE3. 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	A0A8M1NSE3

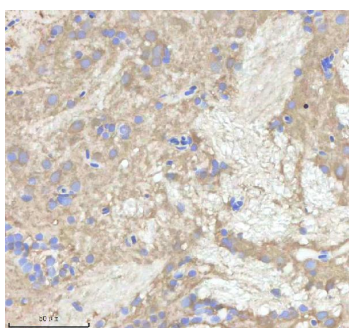
Technical Details

Immunogen	E.coli-derived zebrafish NPEPPS recombinant protein (Position: R487-A851).
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

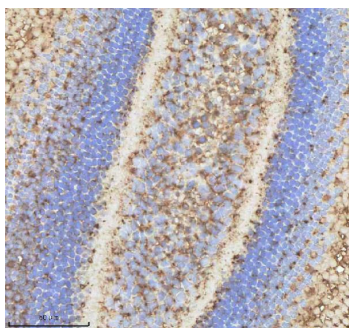
Anti-Zebrafish NPEPPS Antibody (AZA0A8M1NSE3) Images



IHC analysis of NPEPPS using anti-NPEPPS antibody (AZA0A8M1NSE3). NPEPPS was detected in a paraffin-embedded section of zebrafish muscle 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-NPEPPS Antibody (AZA0A8M1NSE3) 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 NPEPPS using anti-NPEPPS antibody (AZA0A8M1NSE3). NPEPPS 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-NPEPPS Antibody (AZA0A8M1NSE3) 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 NPEPPS using anti-NPEPPS antibody (AZA0A8M1NSE3). NPEPPS was detected in a paraffin-embedded section of zebrafish eye 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-NPEPPS Antibody (AZA0A8M1NSE3) 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.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Zebrafish NPEPPS Antibody

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