

Anti-Zebrafish NEDD8/8I Antibody

Catalog Number: AZF1QMF9

About NEDD8/8I

NEDD8 is a protein that in humans is encoded by the NEDD8 gene. Human NEDD8 shares 60% amino acid sequence identity to ubiquitin. The most substrates of NEDD8 modification are the Cullin subunits of Cullin-based E3 ubiquitin ligases, which are active only when neddylated. Their NEDDylation is critical for the recruitment of E2 to the ligase complex, thus facilitating ubiquitin conjugation. NEDD8 modification has therefore been implicated in cell cycle progression and cytoskeletal regulation.

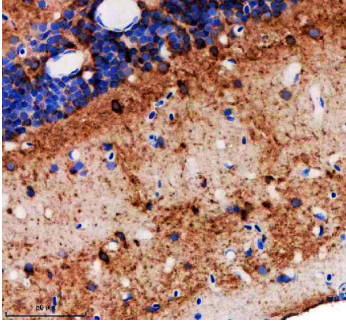
Overview

Product Name	Anti-Zebrafish NEDD8/8I Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish NEDD8/8I Antibody catalog #AZF1QMF9. 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	F1QMF9/Q6DGU4

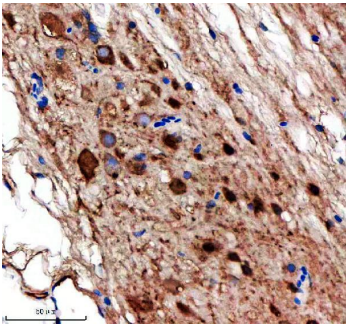
Technical Details

Immunogen	E.coli-derived zebrafish NEDD8/8I recombinant protein (Position: M1-G76)
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 NEDD8/8I Antibody (AZF1QMF9) Images



IHC analysis of NEDD8/8I using anti-NEDD8/8I antibody (AZF1QMF9). NEDD8/8I 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-NEDD8/8I Antibody (AZF1QMF9) 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 NEDD8/8I using anti-NEDD8/8I antibody (AZF1QMF9). NEDD8/8I 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-NEDD8/8I Antibody (AZF1QMF9) 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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