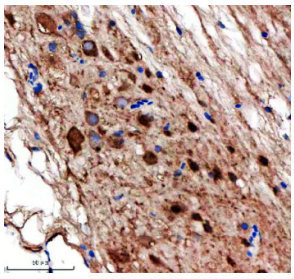
Zebrafish Nedd8 Antibody / Nedd8L (RZ1011)

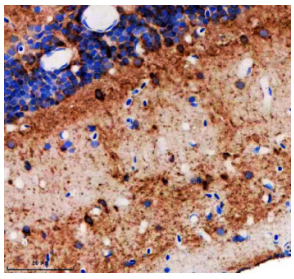
Catalog No.	Formulation	Size
RZ1011	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	2-3 weeks
Species Reactivity	Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	F1QMF9, Q6DGU4
Localization	Cytoplasm, Nucleus
Applications	Immunohistochemistry (FFPE) : 2-5 ug/ml
Limitations	This Zebrafish Nedd8L antibody is available for research use only.



Immunohistochemical analysis of Nedd8/8L protein using Nedd8 antibody and paraffin-embedded zebrafish spinal cord tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunohistochemical analysis of Nedd8/8L protein using Nedd8 antibody and paraffin-embedded zebrafish brain tissue. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

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.

Application Notes

Optimal dilution of the Zebrafish Nedd8 antibody should be determined by the researcher.
This antibody will detect both Nedd8 and Nedd8L protein in zebrafish samples.

Immunogen

An E.coli-derived zebrafish Nedd8/8L recombinant protein (amino acids M1-G76) was used as the immunogen for the Zebrafish Nedd8 antibody.

Storage

After reconstitution, the Zebrafish Nedd8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.