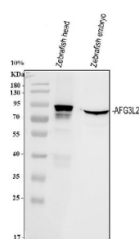


## Zebrafish Afg3l2 Antibody / AFG3 like protein 2 (RZ1127)

Catalog No.	Formulation	Size
RZ1127	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	2-3 weeks
<b>Species Reactivity</b>	Zebrafish
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity chromatography
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	A9JRG9
<b>Applications</b>	Western Blot : 0.5-1 ug/ml
<b>Limitations</b>	This Zebrafish Afg3l2 antibody is available for research use only.



Western blot analysis of Zebrafish AFG3L2 protein using Zebrafish AFG3L2 antibody and 1) zebrafish head and 2) zebrafish embryo tissue lysate. Predicted molecular weight ~89 kDa.

### Description

AFG3L2 is the catalytic subunit of the m-AAA protease, an ATP-dependent proteolytic complex of the mitochondrial inner membrane that degrades misfolded proteins and regulates ribosome assembly. In humans, it is encoded by the AFG3L2 gene. This gene encodes a protein localized in mitochondria and closely related to paraplegin. The paraplegin gene is responsible for an autosomal recessive form of hereditary spastic paraplegia. And this gene is a candidate gene for other hereditary spastic paraplegias or neurodegenerative disorders as well as spastic ataxia-neuropathy syndrome.

### Application Notes

Optimal dilution of the Zebrafish AFG3L2 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived zebrafish Afg3l2 recombinant protein (amino acids G161-D245) was used as the immunogen for the Zebrafish Afg3l2 antibody.

## Storage

After reconstitution, the Zebrafish Afg3l2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.