



Datasheet for ABIN1881083
anti-ATG4B antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | ATG4B |
| Binding Specificity: | AA 1-30, N-Term |
| Reactivity: | Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATG4B antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | This DANRE atg4b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of DANRE atg4b. |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | ATG4B |
| Alternative Name: | atg4b (ATG4B Products) |
| Background: | Cysteine protease required for autophagy, which is able to cleave the C-terminal part of proteins that may be subsequently converted to a smaller form, with a revealed C-terminal glycine, considered to be the phosphatidylethanolamine (PE)-conjugated form. This conjugated form |

Target Details

has the capacity for the binding to autophagosomes (By similarity).

Molecular Weight: 44453

UniProt: [Q6DG88](#)

Pathways: [Autophagy](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

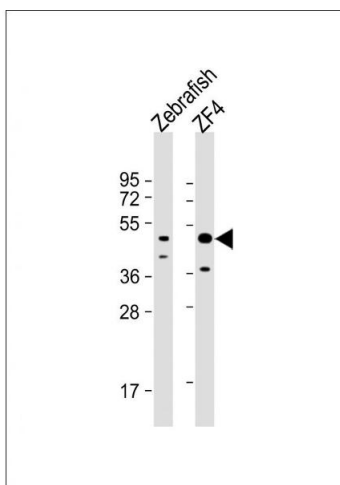
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

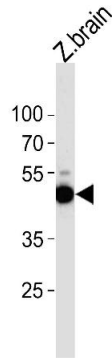
Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-(DANRE) atg4b Antibody (N-term) at 1:1000 dilution Lane 1: Zebrafish lysate Lane 2: ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. DANRE atg4b Antibody (N-term) Azb10037a western blot analysis in zebra fish brain tissue lysates (35 μ g/lane). This demonstrates the DANRE atg4b antibody detected the DANRE atg4b protein (arrow).