

(DANRE) gabarapl2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21195a

Specification

(DANRE) gabarapl2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q6TH05
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	13711
Antigen Region	15-48

(DANRE) gabarapl2 Antibody (N-term) - Additional Information

Gene ID 403036

Target/Specificity

This DANRE gabarapl2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 15-48 amino acids from the N-terminal region of DANRE gabarapl2.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

(DANRE) gabarapl2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

(DANRE) gabarapl2 Antibody (N-term) - Protein Information

Name Q6TH05

Function Ubiquitin-like modifier involved in intra-Golgi traffic. Modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation. It first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1. Involved in autophagy. Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS

production. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation.

Cellular Location

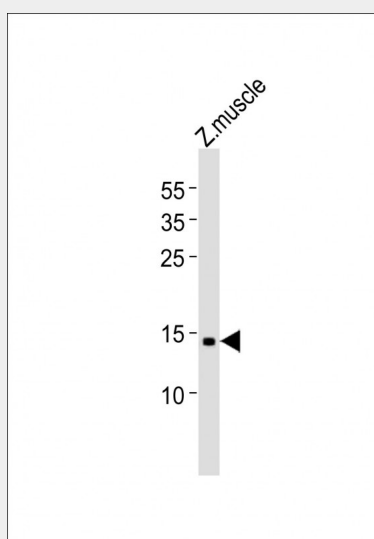
Cytoplasmic vesicle, autophagosome {ECO:0000256|ARBA:ARBA00004419}. Endoplasmic reticulum membrane {ECO:0000256|ARBA:ARBA00004586}. Golgi apparatus {ECO:0000256|ARBA:ARBA00004555}

(DANRE) gabarapl2 Antibody (N-term) - Protocols

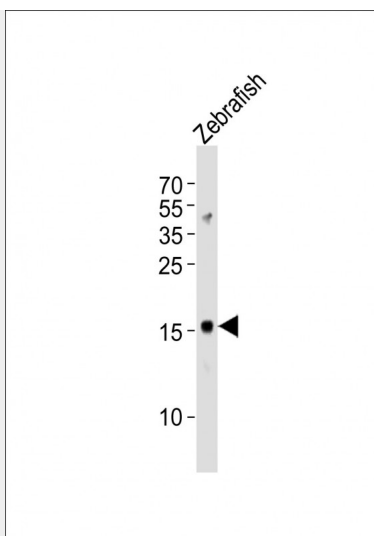
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

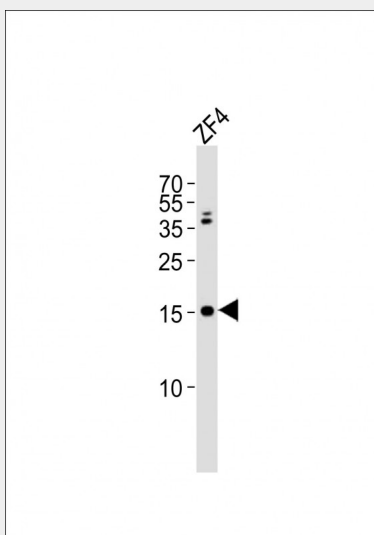
(DANRE) gabarapl2 Antibody (N-term) - Images



Anti-gabarapl2 Antibody (N-term) at 1:500 dilution + Zebrafish muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-gabarapl2 Antibody (N-term) at 1:1000 dilution + Zebrafish lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-gabarapl2 Antibody (N-term) at 1:2000 dilution + ZF4 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.