Datasheet for ABIN7153523

anti-GABARAPL2 antibody (AA 1-117) (Biotin)

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Overview

Quantity:	100 µg
Target:	GABARAPL2
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAPL2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Gamma-aminobutyric acid receptor-associated protein-like 2 protein (1-117AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GABARAPL2
Alternative Name:	GABARAPL2 (GABARAPL2 Products)
Background:	Background: Ubiquitin-like modifier involved in intra-Golgi traffic. Modulates intra-Golgi

Target Details

	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 (By similarity). 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. Aliases: ATG8 antibody, ATG8C antibody, FLC3A antibody, GABA(A) receptor-associated protein-like 2 antibody, Gabarapl2 antibody, Gamma-aminobutyric acid receptor-associated protein-like 2 antibody, Ganglioside expression factor 2 antibody, GATE-16 antibody, GATE16 antibody, GBRL2_HUMAN antibody, GEF-2 antibody, GEF2 antibody, General protein transport factor p16 antibody, Golgi-associated ATPase enhancer of 16 kDa antibody, MAP1 light chain 3-related protein antibody
UniProt:	P60520
Pathways:	Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.