Datasheet for ABIN6140878

anti-GABARAPL1 antibody (AA 1-117)

1 Image

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Overview

Quantity:	100 µL
Target:	GABARAPL1
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAPL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human GABARAPL1 (NP_113600.1).
Sequence:	MKFQYKEDHP FEYRKKEGEK IRKKYPDRVP VIVEKAPKAR VPDLDKRKYL VPSDLTVGQF YFLIRKRIHL RPEDALFFFV NNTIPPTSAT MGQLYEDNHE EDYFLYVAYS DESVYGK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

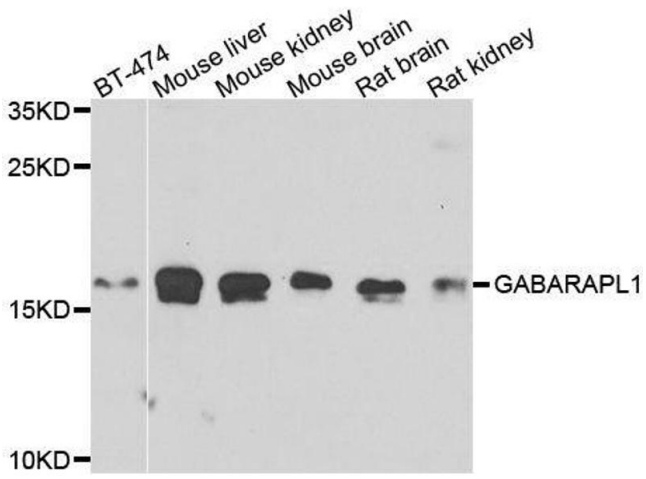
Target:	GABARAPL1
Alternative Name:	GABARAPL1 (GABARAPL1 Products)
Background:	Ubiquitin-like modifier that increases cell-surface expression of kappa-type opioid receptor through facilitating anterograde intracellular trafficking of the receptor. Involved in formation of autophagosomal vacuoles. While LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation. Through its interaction with the reticulophagy receptor TEX264, participates in the remodeling of subdomains of the endoplasmic reticulum into autophagosomes upon nutrient stress, which then fuse with lysosomes for endoplasmic reticulum turnover.,GABARAPL1,APG8-LIKE,APG8L,ATG8,ATG8B,ATG8L,GEC1,Cell Biology & Developmental Biology,Autophagy,Endocrine & Metabolism,Mitochondrial metabolism,Neuroscience,Regulators,GABARAPL1
Molecular Weight:	14 kDa/17 kDa
Gene ID:	23710
UniProt:	Q9H0R8
Pathways:	Autophagy

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GABARAPL1 antibody.

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