

Datasheet for ABIN6992033

anti-GABARAPL2 antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	GABARAPL2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABARAPL2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	GABARAPL2 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human GABARAPL2. The immunogen is located within the last 50 amino acids of GABARAPL2.
Isotype:	IgG
Specificity:	GABARAPL2 antibody is human, mouse and rat reactive. Multiple isoforms of GABARAPL2 are known to exist.
Purification:	GABARAPL2 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	GABARAPL2
Alternative Name:	GABARAPL2 (GABARAPL2 Products)

Target Details

Background:	Gamma-aminobutyric acid (GABA) is the main inhibitory transmitter by increasing a Cl ⁻ conductance that inhibits neuronal firing in the central nervous system (1). It has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC (2). GABARAPL2 (GABAA receptor-associated protein-like 2), also known as GATE16, was initially identified as a membrane transport modulator and is a mammalian ortholog to the autophagy protein ATG8 (3,4). It is thought that GABARAPL2 and other members of the ATG8 family act as scaffolds for assembly of the Unc-51 like kinase (ULK) complex in the formation of autophagosomes (5).
Molecular Weight:	Predicted: 13 kDa Observed: 13 kDa
Gene ID:	11345
NCBI Accession:	NP_009216
UniProt:	P60520
Pathways:	Autophagy

Application Details

Application Notes:	GABARAPL2 antibody can be used for detection of GABARAPL2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse and rat samples and Immunofluorescence in mouse and rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	GABARAPL2 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	GABARAPL2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.