

For Research Use Only

GABARAPL2 Polyclonal antibody

Catalog Number: 10704-1-AP **1 Publications**



Basic Information

Catalog Number: 10704-1-AP	GenBank Accession Number: BC005985	Purification Method: Antigen affinity purification
Size: 250 µg/ml	GeneID (NCBI): 11345	
Source: Rabbit	UNIPROT ID: P60520	
Isotype: IgG	Full Name: GABA(A) receptor-associated protein-like 2	
Immunogen Catalog Number: AG1155	Calculated MW: 14 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

GABARAPL2 (also known as Golgi-associated ATPase enhancer of 16 kDa; GATE-16) was originally characterized as a factor essential for intra-Golgi protein transport. Later GABARAPL2 along with LC3 and GABARAP, were identified as the homologs of yeast ATG8 which is a unique ubiquitin-like protein essential for autophagy. When induced GABARAPL2 is first digested by ATG4 family enzymes to become its mature form: GABARAPL2-I, later conjugated to PE lipid as lipidated form: GABARAPL2-II. The lipidated form migrates faster than its mature form on SDS-PAGE gel. GABARAPL2 is strongly expressed in the brain. This antibody, generated against the full-length of GABARAPL2, is specific to GABARAPL2. It does not recognize recombinant GABARAP as well as GABARAPL1.

Notable Publications

Author	Pubmed ID	Journal	Application
Jian Zhang	33439503	J Cell Mol Med	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data