

For Research Use Only

# GABARAPL2 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 10704-1-AP	<b>GenBank Accession Number:</b> BC005985	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 247 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11345	
<b>Source:</b> Rabbit	<b>Full Name:</b> GABA(A) receptor-associated protein-like 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 14 kDa	
<b>Immunogen Catalog Number:</b> AG1155		

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data