

**GABARAPL2 Rabbit mAb**  
Catalog # AP75468**Specification****GABARAPL2 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P60520</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	13667

**GABARAPL2 Rabbit mAb - Additional Information**

Gene ID 11345

**Other Names**  
GABARAPL2**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**GABARAPL2 Rabbit mAb - Protein Information****Name** GABARAPL2 ([HGNC:13291](#))**Synonyms** FLC3A, GEF2**Function**

Ubiquitin-like modifier involved in intra-Golgi traffic (By similarity). Modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation (By similarity). It first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1 (By similarity). Involved in autophagy (PubMed: [20418806](http://www.uniprot.org/citations/20418806), PubMed: [23209295](http://www.uniprot.org/citations/23209295)). 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 (PubMed: [20418806](http://www.uniprot.org/citations/20418806), PubMed: [23209295](http://www.uniprot.org/citations/23209295)). Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation (PubMed: [20418806](http://www.uniprot.org/citations/20418806), PubMed: [23209295](http://www.uniprot.org/citations/23209295)).

**Cellular Location**

Cytoplasmic vesicle, autophagosome. Endoplasmic reticulum membrane. Golgi apparatus  
{ECO:0000250|UniProtKB:P60519}

#### Tissue Location

Ubiquitous. Expressed at high levels in the brain, heart, prostate, ovary, spleen and skeletal muscle. Expressed at very low levels in lung, thymus and small intestine

#### GABARAPL2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### GABARAPL2 Rabbit mAb - Images

