



# GBRAP rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-09107                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human; Mouse; Rat                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>                   | GABARAP FLC3B HT004                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | Synthesized peptide derived from human GBRAP AA range: 8-58                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>                 | This antibody detects endogenous levels of GBRAP at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                              |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit, IgG                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                        |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | ATG8A; FLC 3B; FLC3B; FLJ25768; GABA(A) receptor associated protein; GABA(A) receptor-associated protein; GABARAP a; GABARAP; Gamma aminobutyric acid receptor associated protein; Gamma-aminobutyric acid receptor-associated protein; GBRAP_HUMAN; MGC12154; MGC12155; MM 46; MM46; GBRAP; GABARAP FLC3B HT004                                                                                 |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                | Cytoplasmic vesicle, autophagosome membrane . Endomembrane system . Cytoplasm, cytoskeleton . Golgi apparatus membrane . Cytoplasmic vesicle . Largely associated with intracellular membrane structures including the Golgi apparatus and postsynaptic cisternae. Colocalizes with microtubules (By similarity). Localizes also to discrete punctae along the ciliary axoneme (By similarity) . |
| <b>Tissue Specificity</b>          | Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                    | function: May play a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton., similarity: Belongs to the MAP1 LC3 family., subcellular location: Largely associated with intracellular membrane structures including the Golgi apparatus and post-synaptic cisternae. Colocalizes with                                                                   |



microtubules.,subunit:Interacts with GPHN and NSF (By similarity). Interacts with GABRG2, beta-tubulin and ULK1.,tissue specificity:Heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.,

#### Background

Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq, Jul 2008],

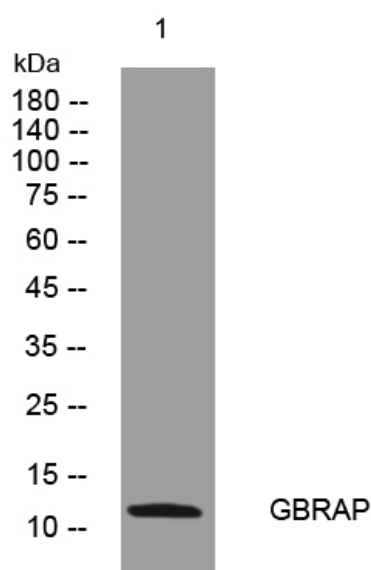
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°over night