

## Rabbit GABARAP Polyclonal Antibody | anti-GABARAP antibody

GABARAP (GABA-A Receptor Associated Protein) Polyclonal Antibody

|                              |                       |                                                                     |
|------------------------------|-----------------------|---------------------------------------------------------------------|
| CATALOG #<br><b>AAA47873</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunofluorescence, Immunoblot, Western Blot</b> |
|------------------------------|-----------------------|---------------------------------------------------------------------|

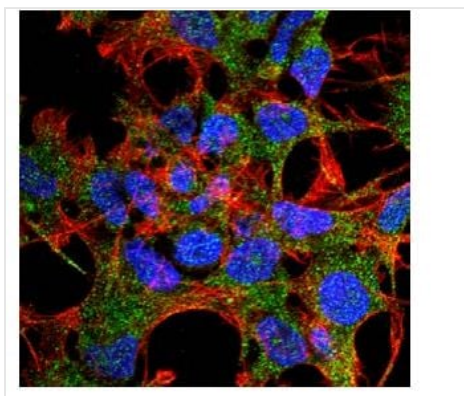
### PRODUCT SYNONYMS

GABARAP; Polyclonal Antibody; GABARAP (GABA-A Receptor Associated Protein) Polyclonal Antibody; anti-GABARAP antibody

### PRODUCT SPECIFICATIONS

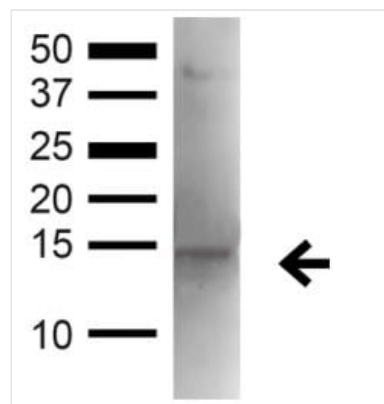
|                                                   |                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                              |
| Clonality                                         | Polyclonal                                                                                          |
| Specificity                                       | This antibody recognizes human and mouse GABARAP.                                                   |
| Form/Format                                       | 100ug (1mg/ml) peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide. |
| Sequence Length                                   | 117                                                                                                 |
| Applicable Applications for anti-GABARAP antibody | IF (Immunofluorescence), IB (Immunoblot)                                                            |
| Immunogen                                         | Synthetic peptide corresponding to the N-terminus of human GABARAP                                  |
| Preparation and Storage                           | This product is stable for at least one (1) year at -20 degree C.                                   |

### IMAGES



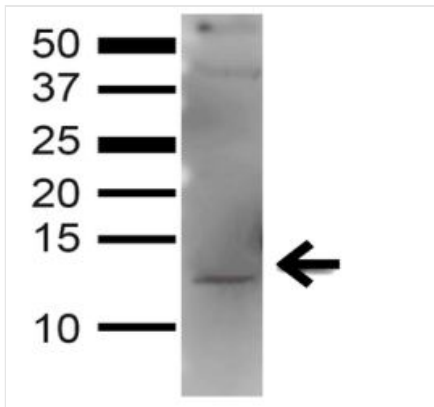
#### Application Data

Detection of GABARAP in formalin-fixed human neuroblastoma cell line SK-N-BE diluted 1:100. DAPI (blue) nuclear stain, Texas red actin stain, and FITC (green) GABARAP stain.



#### Application Data

Detection of GABARAP in mouse kidney lysate diluted 1:1,000.



#### Application Data

Detection of GABARAP in human 293T cells diluted 1:1,000.

## ADDITIONAL INFORMATION

### Related Product Information for anti-GABARAP antibody

Gamma-aminobutyric acid A receptors (GABA(A) receptors) are ligand-gated chloride channels that mediate inhibitory neurotransmission. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. In addition, GABARAP has an important role in autophagy; it is crucial for autophagosome formation and sequestering cytosolic cargo into double-membrane vesicles which is then followed by degradation after fusion with lysosomes.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 6005764                                             |
| NCBI GeneID                      | 11337                                               |
| NCBI Accession #                 | NP_009209.1                                         |
| NCBI GenBank Nucleotide #        | NM_007278.1                                         |
| UniProt Accession #              | O95166                                              |
| Molecular Weight                 | 13,918 Da                                           |
| NCBI Official Full Name          | gamma-aminobutyric acid receptor-associated protein |
| NCBI Official Synonym Full Names | GABA type A receptor-associated protein             |
| NCBI Official Symbol             | GABARAP                                             |
| NCBI Official Synonym Symbols    | MM46; ATG8A; GABARAP-a                              |
| NCBI Protein Information         | gamma-aminobutyric acid receptor-associated protein |
| UniProt Protein Name             | Gamma-aminobutyric acid receptor-associated protein |
| UniProt Gene Name                | <b>GABARAP</b>                                      |
| UniProt Synonym Gene Names       | FLC3B                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/gabarap-antibody-immunofluorescence-immunoblot-elisa/47873>