



## Rabbit antibody to GABARAP: whole serum

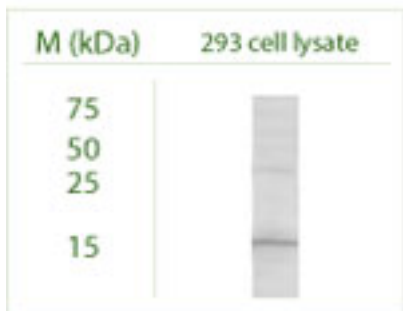
<b>Catalogue No.:</b>	R-143-100
<b>Description:</b>	GABARAP is highly positively charged in its N-terminus and shares sequence homology with MAP1LC3 1A and 1B. This protein clusters neurotransmitter receptors (GABA(A) receptors) by mediating interaction with the cytoskeleton. SUBUNIT: Interacts with GABRG2, TUBA1, ULK1 and NSF. Interacts with beta-tubulin and GPHN. SUBCELLULAR LOCATION: Intracytoplasmic membrane. Cytoskeleton. Largely associated with intracellular membrane structures including the Golgi apparatus and post-synaptic cisternae. Colocalizes with microtubules. TISSUE SPECIFICITY: Heart, brain, placenta, skeletal muscle, kidney and pancreas.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	A synthetic peptide (FEKRRSEGEKIC) corresponding to the N-terminal of human GABARAP protein has been used as the immunogen. The sequence is homologous with mouse and rat form of GABARAP.
<b>Other Names:</b>	Gamma-aminobutyric acid receptor-associated protein; GABA(A) receptor-associated protein; MM46; GABARAP; FLC3B
<b>Accession:</b>	GBRAP_HUMAN GBRAP_MOUSE GBRAP_RAT
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Whole serum
<b>Applications:</b>	IHC, immunofluorescence, WB. A dilution of 1:200 to 1:1000 dilution is recommended for these applications. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	IHC, WB and ELISA confirmed the specificity for GABARAP.
<b>Cross-reactivity:</b>	Human, rat. Other species not yet tested.
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase
<b>References:</b>	1. Wang H. et al. Nature. 397: 69-72 (1999) 2. Okazaki N. et al. Brain Res. Mol. Brain Res. 85:1-12(2000) 3. Hu R.-M. et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000) 4. Knight D. et al. Biol. Chem. 277:5556-5561(2002)

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FOR RESEARCH USE ONLY



## Rabbit antibody to GABARAP: whole serum



Western blot under reducing conditions on 293 cell lysate using Rabbit antibody to GABARAP: whole serum (R-143-100) at a dilution of 1:100.

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