

**GABARAP monoclonal antibody**

Catalog: MB66742

Host: Mouse

Reactivity: Human, Mouse

**BackGround:**

In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl<sup>-</sup>-conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. In addition to GABA receptors, several proteins have been identified as regulators of GABA

function, including GAD65, GAD67, GABA transporters and GABARAP (GABAA receptor-associated protein). GABARAP associates with GABAA Rg2 to link GABAA receptors to the cytoskeleton. The GABARAP protein sequence is similar to light chain-3 of microtubule-associated proteins (MAPs) suggesting that it may be a type of MAP or a component of a MAP complex.

**Product:**

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:**

~ 17 kDa

**Swiss-Prot:**

O95166

**Purification&Purity:**

This antibody is purified through a protein G column.

**Applications:**

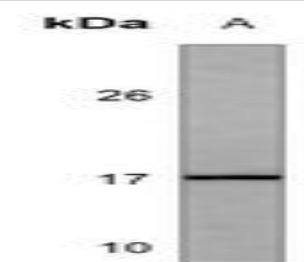
WB (1/500 - 1/1000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of GABARAP protein.

**DATA:**

Western blot analysis of GABARAP expression in SHSY5Y (A) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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