

Anti-GABARAPL2 Antibody (4B51)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 14 kDa. Actual: 14 kDa.
Clone:	4B51
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with GABARAPL2 monoclonal antibody, unconjugated (TMAB-06248) at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human GABARAPL2
Gene ID:	11345

Research Background

In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl⁻ conductance that inhibits neuronal firing (1). GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC (2,3). 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) (4-6). GABARAP associates with GABAA Rg2 to link GABAA receptors to the cytoskeleton (6). 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 (6).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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