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[Primary Antibody]

Recombinant Rabbit Anti-GABARAPL2 Monoclonal Antibody

Catalog Number: SLA1160M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	14D2
Target:	GABARAPL2
Immunogen:	A synthesized peptide derived from human GABARAPL2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	14 kDa
Subcellular Location:	Cytoplasm
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).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.