GABARAP Conjugated Antibody

Catalog No: #C49642

Package Size: #C49642-AF350 100ul #C49642-AF405 100ul #C49642-AF488 100ul #C49642-AF555 100ul #C49642-AF594 100ul #C49642-AF647 100ul #C49642-AF680 100ul #C49642-AF750 100ul #C49642-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GABARAP Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ATG8A antibody FLC 3B antibody FLC3B antibody FLJ25768 antibody GABA type A receptor associated protein antibody GABA(A) receptor associated protein antibody GABA(A) receptor-associated protein antibody GABARAP a antibody GABARAP antibody Gamma aminobutyric acid receptor associated protein antibody Gamma-aminobutyric acid receptor-associated protein antibody GBRAP_HUMAN antibody MGC120154 antibody MGC120155 antibody MM 46 antibody MM46 antibody
Accession No.	Swiss-Prot#:O95166
Uniprot	O95166
GeneID	11337;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	14 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl-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.

Note: This product is for in vitro research use only