

Rabbit GABARAP Polyclonal Antibody | anti-GABARAP antibody

GABARAP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40594	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

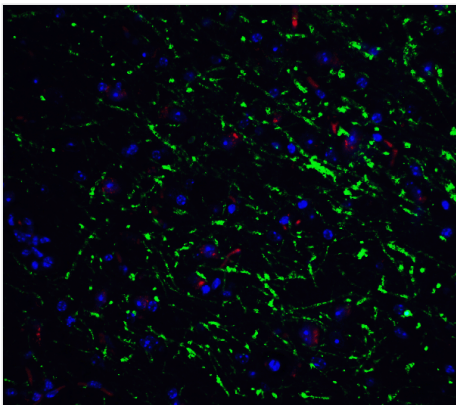
PRODUCT SYNONYMS

GABARAP; Polyclonal Antibody; GABARAP Antibody; MM46; ATG8A; GABARAP-a; FLC3B; HT004; Gamma-aminobutyric acid receptor-associated protein; GABA(A) receptor-associated protein; anti-GABARAP antibody

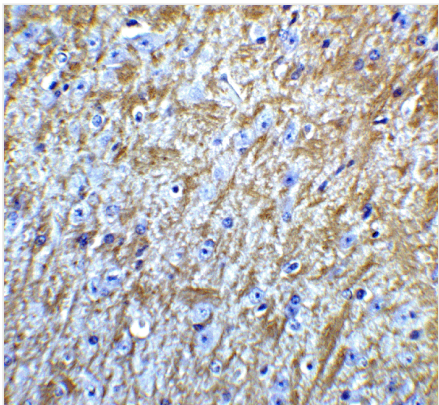
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of GABARAP exist due to alternative splicing events.
Purity/Purification	GABARAP Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	117
Applicable Applications for anti-GABARAP antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GABARAP antibody was raised against a 19 amino acid peptide near the amino terminus of human GABARAP.
Buffer	GABARAP Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GABARAP antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

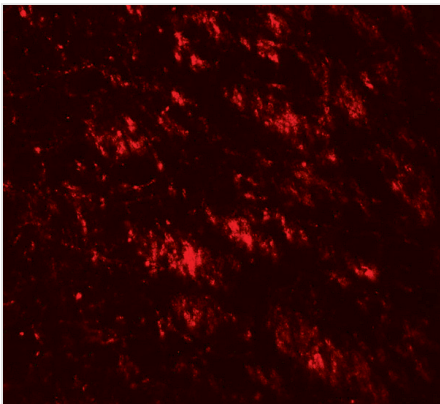
IMAGES



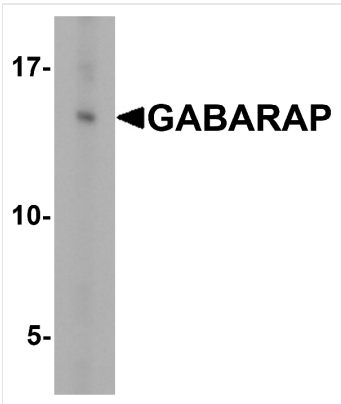
IF (Immunofluorescence)
Immunofluorescence of GABARAP in mouse brain tissue with GABARAP Antibody at 20 μ g/mL. Green: GABARAP antibody (7359) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of GABARAP in mouse brain tissue with GABARAP Antibody at 5 μ g/mL.



IF (Immunofluorescence)
Immunofluorescence of GABARAP in human brain tissue with GABARAP antibody at 20 μ g/mL.



WB (Western Blot)
Western blot analysis of GABARAP in HeLa cell lysate with GABARAP antibody at 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-GABARAP antibody	GABARAP Antibody: Gamma-aminobutyric acid (GABA) is the main inhibitory transmitter by increasing a Cl ⁻ conductance that inhibits neuronal firing in the central nervous system. It has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. GABARAP (GABAA receptor-associated protein) links GABAA receptors to the cytoskeleton and may play a role in intracellular transport of GABAA receptors and its interaction with the cytoskeleton. GABARAP belongs to the MAP1 or ATG8 like family and recent studies show that MAPK15/ERK8 is acting through interaction with ATG8 family proteins to regulate autophagy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6005764
NCBI GeneID	11337
NCBI Accession #	NP_009209
NCBI GenBank Nucleotide #	NM_007278.1
UniProt Accession #	O95166
Molecular Weight	Predicted: 13 Observed: 16

NCBI Official Full Name	gamma-aminobutyric acid receptor-associated protein
NCBI Official Synonym Full Names	GABA(A) receptor-associated protein
NCBI Official Symbol	GABARAP
NCBI Official Synonym Symbols	MM46; ATG8A; GABARAP-a
NCBI Protein Information	gamma-aminobutyric acid receptor-associated protein
UniProt Protein Name	Gamma-aminobutyric acid receptor-associated protein
UniProt Gene Name	GABARAP
UniProt Synonym Gene Names	FLC3B
UniProt Entry Name	GBRAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gabarap-antibody-immunofluorescence-western-blot-elisa/40594>