Rabbit anti-Human GABARAPL2 Polyclonal Antibody | anti-GABARAPL2 antibody

GABARAPL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289737	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

GABARAPL2; Polyclonal Antibody; GABARAPL2 Antibody; Gamma-aminobutyric acid receptor-associated protein-like 2; GABA(A) receptor-associated protein-like 2; Ganglioside expression factor 2; GEF-2; General protein transport factor p16; Golgi-associated ATPase enhancer of 16 kDa; GATE-16; MAP1 light chain 3-related protein; FLC3A; GEF2; anti-GABARAPL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GABARAPL2 antibody is generated from rabbits immunized with human GABARAPL2 recombinant protein.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Length	117
Applicable Applications for anti-GABARAPL2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
GABARAPL2 Antibody FC analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded mouse brain tissue reacted with GABARAPL2 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

WB (Western Blot)
Western blot analysis of GABARAPL2 Antibody in MCF-7 cell line lysates (35ug/lane).
GABARAPL2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GABARAPL2 antibody	Membrane proteins located on vesicles (v-SNAREs) and on the target membrane (t-SNAREs) mediate specific recognition and, possibly, fusion between a transport vesicle and its target membrane. The activity of SNARE molecules is regulated by several soluble cytosolic proteins. We have cloned a bovine brain cDNA encoding a conserved 117 amino acid polypeptide, denoted Golgi-associated ATPase Enhancer of 16 kDa (GATE-16), that functions as a soluble transport factor. GATE-16 interacts with N-ethylmaleimidesensitive factor (NSF) and significantly stimulates its ATPase activity. It also interacts with the Golgi v-SNARE GOS-28 in an NSF-dependent manner. We propose that GATE-16 modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation.
Product Categories/Family for anti-GABARAPL2 antibody	Cancer; Metabolism; Signal Transduction; Phospho Antibodies
References	Sou,Y.S., J. Biol. Chem. 281 (6), 3017-3024 (2006) Mehrle,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006) Wiemann,S., Genome Res. 14 (10B), 2136-2144 (2004) Sagiv,Y., EMBO J. 19 (7), 1494-1504 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005768
NCBI GeneID	11345
NCBI Accession #	NP_009216.1
NCBI GenBank Nucleotide #	NM_007285.6
UniProt Accession #	P60520; O08765; Q6FG91; Q9DCP8; Q9UQF7
Molecular Weight	13667
NCBI Official Full Name	gamma-aminobutyric acid receptor-associated protein-like 2
NCBI Official Synonym Full Names	GABA(A) receptor-associated protein-like 2
NCBI Official Symbol	GABARAPL2
NCBI Official Synonym Symbols	ATG8; GEF2; ATG8C; GEF-2; GATE16; GATE-16
NCBI Protein Information	gamma-aminobutyric acid receptor-associated protein-like 2
UniProt Protein Name	Gamma-aminobutyric acid receptor-associated protein-like 2
UniProt Gene Name	**GABARAPL2**
UniProt Synonym Gene Names	FLC3A; GEF2; GEF-2; GATE-16
UniProt Entry Name	GBRL2_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://stage.aaabiotech.com/polyclonal/gabarapl2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289737