

Rabbit GATE16 Polyclonal Antibody | anti-GABARAPL2 antibody

GATE16 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289793	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	ELISA, Western Blot

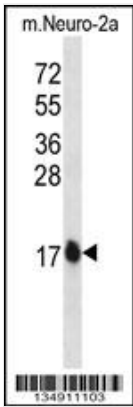
PRODUCT SYNONYMS

GATE16; Polyclonal Antibody; GATE16 Antibody (N-term); 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; GABARAPL2; FLC3A; GEF2; anti-GABARAPL2 antibody

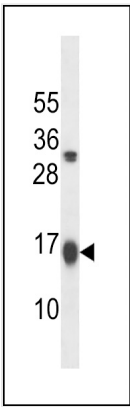
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GATE16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-28 amino acids from the N-terminal region of human GATE16.
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: 0.5 (varies by lot)
Sequence Positions	1-28
Sequence Length	117
Applicable Applications for anti-GABARAPL2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



WB (Western Blot)
GATE16 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the GATE16 antibody detected the GATE16 protein (arrow).



WB (Western Blot)
GATE16 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the GATE16 antibody detected the GATE16 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GABARAPL2 antibody	Involved in intra-Golgi traffic. Modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation. It first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1 (By similarity).
Product Categories/Family for anti-GABARAPL2 antibody	Cancer; Metabolism; Signal Transduction
References	Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) : Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010) Thielmann, Y., et al. Proteins 77(3):637-646(2009) Kirkin, V., et al. Mol. Cell 33(4):505-516(2009) Shvets, E., et al. Autophagy 4(8):1054-1056(2008)

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://www.aaabiotech.com/polyclonal/gate16-antibody-western-blot-elisa/289793>