

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

Anti-GABARAPL2 Antibody, Rabbit Polyclonal

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA257541</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

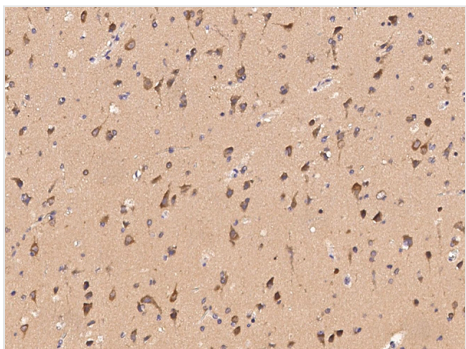
### PRODUCT SYNONYMS

GABARAPL2; Polyclonal Antibody; Anti-GABARAPL2 Antibody; Rabbit Polyclonal; GATE-16/GABARAPL2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ATG8 Antibody; Anti-ATG8C Antibody; Anti-GATE-16 Antibody; Anti-GATE16 Antibody; Anti-GEF-2 Antibody; Anti-GEF2 Antibody; GABA(A) receptor-associated protein-like 2; anti-GABARAPL2 antibody

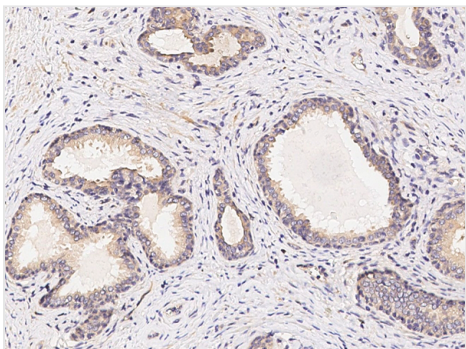
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                          | Human                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype                                             | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity                                         | Human GATE-16/GABARAPL2                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification                                 | Protein A & Antigen Affinity                                                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                         | Liquid. 0.2um filtered solution in PBS                                                                                                                                                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-GABARAPL2 antibody | IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                           | Recombinant Human GATE-16/GABARAPL2 protein                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugation                                         | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation                                         | Produced in rabbits immunized with purified, recombinant Human GATE-16/GABARAPL2 (rh GATE-16/GABARAPL2; P60520; Met1-Phe117). GATE-16/GABARAPL2 specific IgG was purified by Human GATE-16/GABARAPL2 affinity chromatography.                                                                                                                                                                                                    |
| Preparation and Storage                             | <p>This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.</p> <p>This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.</p> |

IMAGES



**IHC (Immunohistochemistry)**  
Immunochemical staining of human GABARAPL2 in human brain with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



**IHC (Immunohistochemistry)**  
Immunochemical staining of human GABARAPL2 in human prostate with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

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|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GABARAPL2 antibody | Background: GATE-16, also known as ATG8, belongs to the MAP1 LC3 family. It is expressed at high levels in the brain, heart, prostate, ovary, spleen and skeletal muscle. GATE-16 is expressed at very low levels in lung, thymus and small intestine. GATE-16 is involved in intra-Golgi traffic. It 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.                                                                      |
| References                                              | Ewing Rob M, et al. (2007) Large-scale mapping of human protein-protein interactions by mass spectrometry. Mol Syst Biol. 3(1):89. Okazaki N, et al. (2000) Interaction of the Unc-51-like kinase and microtubule-associated protein light chain 3 related proteins in the brain: possible role of vesicular transport in axonal elongation. Brain Res Mol Brain Res. 85(1-2):1-12. Xin Y, et al. (2001) Cloning, expression patterns, and chromosome localization of three human and two mouse homologues of GABA(A) receptor-associated protein. Genomics. 74 (3):408-13. |

**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/gabarapl2-antibody-immunohistochemistry-elisa/257541>