

## Anti-GABARAP Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A01907-2-Fluoro594

### About GABARAP

Gamma-aminobutyric acid receptor-associated protein is a protein that in humans is encoded by the GABARAP gene. Gamma-aminobutyric acid A receptors [GABA (A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA (A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-GABARAP Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | O95166  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human GABARAP, identical to the related mouse and rat sequences. |
| Cross Reactivity    | No cross-reactivity with other proteins.  |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm   |
| Suggested Dilutions | Optimal dilutions should be determined by end users.  |

## 2 Publications Citing This Product

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1. PubMed ID: 10.1155/2020/6984087, Soporific Effect of Modified Suanzaoren Decoction and Its Effects on the Expression of CCK-8 and Orexin-A

2. PubMed ID: 32617111, Zhan LH,Dong YJ,Yang K,Lei SS,Li B,Teng X,Zhou C,Luo R,Yu QX,Jin HY,Lv GY,Chen SH.Soporific Effect of Modified Suanzaoren Decoction and Its Effects on the Expression of CCK-8 and Orexin-A.Evid Based Complement Alternat Med.2020 Jun 16;2020:6984087.doi:10.

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Anti-GABARAP Antibody - Fluoro594

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