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Datasheet for ABIN2813507

anti-GABRP antibody (AA 81-180) (Alexa Fluor 594)

Overview

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| Quantity: | 100 µL |
| Target: | GABRP |
| Binding Specificity: | AA 81-180 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GABRP antibody is conjugated to Alexa Fluor 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human GABRP/GABA A receptor pi |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | GABRP |
| Alternative Name: | GABRP/GABA A receptor pi (GABRP Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: GABAA receptor, GABAA receptor subunit pi, GABRP, Gamma aminobutyric acid GABA A receptor pi, Gamma aminobutyric acid A receptor pi, Gamma aminobutyric acid receptor pi subunit, Gamma aminobutyric acid receptor subunit pi, Gamma-aminobutyric acid receptor subunit pi, GBRP_HUMAN, MGC126386, MGC126387.</p> <p>Background: GAD-65 and GAD-67, glutamate decarboxylases function to catalyze the production of GABA (Gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl⁻ conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct.</p> |
| Gene ID: | 2568 |

Application Details

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |