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Datasheet for ABIN5003092
anti-GABRG3 antibody (Alexa Fluor 750)

Overview

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| Quantity: | 100 µL |
| Target: | GABRG3 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GABRG3 antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human GABRG3/GABA A Receptor gamma 3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | GABRG3 |
| Alternative Name: | GABRG3/ GABA A Receptor gamma 3 (GABRG3 Products) |
| Background: | Synonyms: GABAA receptor, GABAA receptor subunit gamma 3, GABR G3, GABRG 3, GABRG3, Gamma aminobutyric acid GABA A receptor gamma 3, Gamma aminobutyric acid A receptor |

Target Details

gamma 3, Gamma aminobutyric acid receptor subunit gamma 3, GBRG3_HUMAN.

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. Members of the GABAA receptor family include GABAA R Alpha 1-6, GABAA R Beta 1-3, GABAA R Gamma 1-3, GABAA R Delta, GABAA R Epsilon, GABAA R Zeta 1 and GABAA R Zeta 2. The GABAB family is composed of GABAB R1 Alpha and GABAB R1 Beta. GABA transporters have also been identified and include GABA T-1, GABA T-2 and GABA T-3 (also designated GAT-1, -2, and -3). The GABA transporters function to terminate GABA action.

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 |
| 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |