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Datasheet for ABIN570710
anti-GABRB2 antibody (Internal Region)

Overview

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| Quantity: | 100 µg |
| Target: | GABRB2 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This GABRB2 antibody is un-conjugated |
| Application: | ELISA |

Product Details

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| Purpose: | GABRB2 |
| Immunogen: | Peptide with sequence C-HSFGRNALERHVAQ, from the internal region of the protein sequence according to NP_068711.1, NP_000804.1. |
| Sequence: | HSFGRNALER HVAQ |
| Isotype: | IgG |
| Specificity: | This antibody is expected to recognize both reported isoforms (NP_068711.1, NP_000804.1). |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Recent |

Target Details

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| Target: | GABRB2 |
| Alternative Name: | GABRB2 (GABRB2 Products) |
| Background: | GABRB2, gamma-aminobutyric acid (GABA) A receptor, beta 2, MGC119386, MGC119388, MGC119389, OTTHUMP00000160872 |
| Gene ID: | 2561, 14401, 25451 |
| NCBI Accession: | NP_068711 , NP_000804 |
| Pathways: | Sensory Perception of Sound , Synaptic Membrane |

Application Details

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| Application Notes: | Western Blot: Preliminary experiments gave an approx 80 kDa band in Mouse Brain lysates after 0.2 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 59.2 Peptide ELISA: antibody detection limit dilution 1:4000. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |