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Datasheet for ABIN190891 anti-Galanin Receptor 1 antibody (Internal Region)





Overview

| Quantity: | 100 µg |
|----------------------|---|
| Target: | Galanin Receptor 1 (GALR1) |
| Binding Specificity: | Internal Region |
| Reactivity: | Rat |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This Galanin Receptor 1 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB) |

Product Details

| Purpose: | GALR1 (internal) |
|-------------------|---|
| Immunogen: | Peptide with sequence C-RSKPGKPRSTTN, from the internal region of the protein sequence according to NP_001471.2. |
| Sequence: | RSKPGKPRST TN |
| lsotype: | IgG |
| 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: | Verified |

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| Target Details | |
|---------------------|--|
| Target: | Galanin Receptor 1 (GALR1) |
| Alternative Name: | GALR1 (GALR1 Products) |
| Background: | GALR1, galanin receptor 1, GALNR, GALNR1 |
| Gene ID: | 2587, 14427, 50577 |
| NCBI Accession: | NP_001471 |
| Pathways: | cAMP Metabolic Process |
| Application Details | |
| Application Notes: | Western Blot: Approx 24-25 kDa and 37 kDa bands observed in lysates of Rat Spinal Cord |
| | (calculated MW of 24.9 kDa according to Rat NP_037090.1 and calculated MW of 38.9 kDa |
| | according to AAC52438.1 and sp Q62805). Recommended concentration: 0.1-0.3 μ g/mL. |
| | Peptide ELISA: antibody detection limit dilution 1:128000. |
| Restrictions: | For Research Use only |
| Handling | |
| 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 refrigerat |
| | at 4°C for a few weeks and still remain viable. |

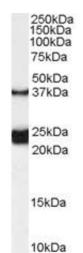


Image 1. ABIN190891 (0.1µg/ml) staining of Rat Spinal Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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