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Datasheet for ABIN190905

anti-Neuregulin 3 antibody (C-Term)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Neuregulin 3 (NRG3) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This Neuregulin 3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|-------------------|---|
| Purpose: | Neuregulin 3 |
| Immunogen: | Peptide with sequence C-RNEIQRDSALTK, from the C Terminus of the protein sequence according to NP_001010848.2. |
| Sequence: | RNEIQRDSAL TK |
| Isotype: | IgG |
| Cross-Reactivity: | Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

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|-------------------|---|
| Target: | Neuregulin 3 (NRG3) |
| Alternative Name: | NRG3 (NRG3 Products) |
| Background: | Neuregulin 3, HGNC:7999, NRG3, HRG3, pro-NRG3 |
| Gene ID: | 10718, 18183 |
| NCBI Accession: | NP_001010848 |
| Pathways: | RTK Signaling |

Application Details

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|--------------------|--|
| Application Notes: | Western Blot: Approx 75 kDa band observed in Human Brain (Cerebellum) lysates and in Mouse and Rat Brain lysates (calculated MW of 75.0 kDa according to NP_001010848.2). Recommended concentration: 0.1-0.3 µg/mL. An additional band of unknown identity was a Peptide ELISA: antibody detection limit dilution 1:64000. |
| 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. |



Image 1. ABIN190905 (0.3µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.