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Datasheet for ABIN570762

anti-CDON antibody (Internal Region)

Overview

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

Product Details

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| Purpose: | CDO |
| Immunogen: | Peptide with sequence C-KNRQQNTIQKYDP, from the internal region of the protein sequence according to NP_058648.4. |
| Sequence: | KNRQQNTIQK YDP |
| Isotype: | IgG |
| Cross-Reactivity: | Cow, Dog, Human |
| 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: | CDON |
| Alternative Name: | CDON (CDON Products) |
| Background: | CDON, Cdon homolog (mouse), CDO, MGC111524, ORCAM, cell adhesion molecule-related/down-regulated by oncogenes, surface glycoprotein, Ig superfamily member |
| Gene ID: | 50937 |
| NCBI Accession: | NP_058648 |
| Pathways: | Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Embryonic Body Morphogenesis |

Application Details

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| Application Notes: | Western Blot: Preliminary experiments gave an approx 26 kDa band in Human Brain (Cerebellum and Hippocampus) lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given Peptide ELISA: antibody detection limit dilution 1:32000. |
| 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. |