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Datasheet for ABIN1393907

anti-METRN antibody (AA 101-200) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | METRN |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This METRN antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human METRN |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Cow |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | METRN |
| Alternative Name: | METRN (METRN Products) |

Target Details

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| Background: | <p>Synonyms: C16orf23, c380A1.2, Meteorin, Meteorin precursor, meteorin, glial cell differentiation regulator, Metrn, METRN_HUMAN, MGC2601.</p> <p>Background: Meteorin is a secreted protein belonging to the Meteorin family that contains 293 amino acids and promotes axonal extension, axonal network formation and regulates glial cell differentiation. Expressed in radial glia and undifferentiated neural progenitors of the central and peripheral nervous system, Meteorin is encoded by a gene located on human chromosome 16, which encodes over 900 genes and comprises nearly 3 % of the human genome. The GAN (Gigaxonin) gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.</p> |
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Application Details

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| 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. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |