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Datasheet for ABIN2174816

anti-GPR39 antibody (AA 251-350) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | GPR39 |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GPR39 antibody is conjugated to Alexa Fluor 488 |
| Application: | 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 GPR39. |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Cow,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | GPR39 |
| Alternative Name: | GPR39 (GPR39 Products) |

Target Details

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| Background: | Synonyms: G-protein coupled receptor 39, GPR39 Background: Zn(2+) acts as a agonist. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated mainly through G(q)-alpha and G(12)/G(13) proteins. Involved in regulation of body weight, gastrointestinal mobility, hormone secretion and cell death (By similarity). |
| Gene ID: | 2863 |
| UniProt: | O43194 |
| Pathways: | Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis , Feeding Behaviour |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| 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 |