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Datasheet for ABIN5003899

anti-GPR125 antibody (AA 422-530) (Alexa Fluor 750)

Overview

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| Quantity: | 100 µL |
| Target: | GPR125 |
| Binding Specificity: | AA 422-530 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GPR125 antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), 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 GPR125 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | GPR125 |
| Alternative Name: | GPR125 (GPR125 Products) |

Target Details

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| Background: | <p>Synonyms: FLJ38547, G protein coupled receptor 125, PGR21, Probable G protein coupled receptor 125 precursor, TEM5 like, TEM5L, GP125_HUMAN, GPCR125.</p> <p>Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR125 (G protein-coupled receptor 125), also known as PGR21 or TEM5L, is a 1,321 amino acid multi-pass membrane protein belonging to the G-protein coupled receptor 2 family and the LN-TM7 subfamily.</p> <p>Considered a novel orphan adhesion-type G-protein-coupled receptor, GPR125 has five leucine rich repeats (LRR), an immunoglobulin (Ig) domain and a GPS domain. GPR125 may play a functional role in choroidal and hippocampal response to brain injury. It is also suggested that GPR125 may be a marker for spermatogonial stem cells. Four isoforms of GPR125 exists due to alternative splicing events.</p> |
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Application Details

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| Application Notes: | FCM 1:20-100 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. |

Handling

Expiry Date: 12 months