

Datasheet for ABIN899036

anti-Glucagon Receptor antibody (AA 11-110) (AbBy Fluor® 647)



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Overview

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| Quantity: | 100 µL |
| Target: | Glucagon Receptor (GCGR) |
| Binding Specificity: | AA 11-110 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Glucagon Receptor antibody is conjugated to AbBy Fluor® 647 |
| 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 Glucagon Receptor |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Chicken,Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | Glucagon Receptor (GCGR) |
| Alternative Name: | Glucagon Receptor (GCGR Products) |

Target Details

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| Background: | Synonyms: GGR, GL-R, Glucagon receptor, GCGR Background: G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger system. |
| Gene ID: | 2642 |
| UniProt: | P47871 |
| Pathways: | Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process |

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. |
| Expiry Date: | 12 months |