

ARG64917 anti-GCKR antibody

Package: 100 µg
Store at: -20°C

Summary

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| Product Description | Goat Polyclonal antibody recognizes GCKR |
| Tested Reactivity | Ms, Rat |
| Predict Reactivity | Hu |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | GCKR |
| Species | Human |
| Immunogen | KRFQHVIETPEPGK -C |
| Conjugation | Un-conjugated |
| Alternate Names | Glucokinase regulatory protein; FGQTL5; GKRP; Glucokinase regulator |

Application Instructions

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| Application table | Application | Dilution |
| | WB | 0.1 - 0.3 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 231103 Mouse GeneID: 25658 Rat Swiss-port # Q07071 Rat Swiss-port # Q91X44 Mouse |
| Background | This gene encodes a protein belonging to the GCKR subfamily of the SIS (Sugar ISomerase) family of proteins. The gene product is a regulatory protein that inhibits glucokinase in liver and pancreatic islet cells by binding non-covalently to form an inactive complex with the enzyme. This gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY). [provided by RefSeq, Jul 2008] |
| Research Area | Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody |
| Calculated Mw | 69 kDa |

Images



ARG64917 anti-GCKR antibody WB image

Western Blot: Rat Liver lysate (35 µg protein in RIPA buffer) stained with ARG64917 anti-GCKR antibody at 0.1 µg/ml dilution.