

# Product datasheet

info@arigobio.com

ARG64917 anti-GCKR antibody Package: 100 μg Store at: -20°C

#### **Summary**

**Product Description** Goat Polyclonal antibody recognizes GCKR

**Tested Reactivity** Ms, Rat **Predict Reactivity** Hu **Tested Application** WB

Host Goat

Polyclonal Clonality

Isotype IgG **Target Name GCKR** 

**Species** Human

Immunogen KRFQHVIETPEPGK -C

Conjugation Un-conjugated

Glucokinase regulatory protein; FGQTL5; GKRP; Glucokinase regulator **Alternate Names** 

### **Application Instructions**

Application table	Application	Dilution
	WB	0.1 - 0.3 μg/ml
1.1.	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**

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

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

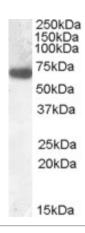
RefSeq, Jul 2008]

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  $\mu$ g protein in RIPA buffer) stained with ARG64917 anti-GCKR antibody at 0.1  $\mu$ g/ml dilution.