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# Datasheet for ABIN6243672 anti-GCKR antibody (AA 87-120)

Image



#### Overview

Quantity:	50 µL
Target:	GCKR
Binding Specificity:	AA 87-120
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCKR antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This GCKR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 87-120 amino acids from human GCKR.
Clone:	RB53063
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

# Target Details

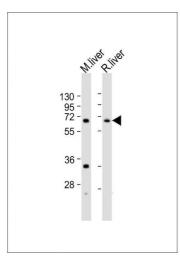
Target:	GCKR
Alternative Name:	GCKR (GCKR Products)
Background:	Inhibits glucokinase (GCK) by forming an inactive complex with this enzyme. The affinity of

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	GCKR for GCK is modulated by fructose metabolites: GCKR with bound fructose 6- phosphate
	has increased affinity for GCK, while GCKR with bound fructose 1-phosphate has strongly
	decreased affinity for GCK and does not inhibit GCK activity.
Molecular Weight:	68685
UniProt:	Q14397
Pathways:	Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process, Protein targeting to
	Nucleus

### **Application Details**

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



#### Western Blotting

**Image 1.** All lanes : Anti-GCKR Antibody (N-Term) at 1:2000 dilution Lane 1: mouse liver lysates Lane 2: rat liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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