

Datasheet for ABIN7153895  
**anti-GCKR antibody (AA 1-625) (HRP)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	GCKR
Binding Specificity:	AA 1-625
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCKR antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Glucokinase regulatory protein (1-625AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GCKR
Alternative Name:	GCKR ( <a href="#">GCKR Products</a> )
Background:	Background: Inhibits glucokinase (GCK) by forming an inactive complex with this enzyme. The affinity of GCKR for GCK is modulated by fructose metabolites: GCKR with bound fructose 6-

## Target Details

---

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.

Aliases: FGQTL5 antibody, GCK antibody, GCKR antibody, GCKR\_HUMAN antibody, GKRP antibody, GLRE antibody, glucokinase (hexokinase 4) regulator antibody, Glucokinase antibody, Glucokinase regulator antibody, Glucokinase regulatory protein antibody, Hexokinase 4 regulator antibody, Hexokinase type IV antibody, Hexokinase-4 antibody, Hexokinase-D antibody, HK IV antibody, HK4 antibody, OTTHUMP00000158533 antibody

---

UniProt: [Q14397](#)

---

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#), [Protein targeting to Nucleus](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

---

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,-80 °C

---

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.