

Datasheet for ABIN7153893

anti-GCKR antibody (AA 1-625) (Biotin)[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 Biotin
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 (GCKR Products)
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.