

## Immunotag™ Glucokinase Regulator Antibody

Antibody Specification	
Catalog No.	ITA4164
Product Description	Immunotag™ Glucokinase Regulator Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Glucokinase Regulator
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500~1:1000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	Glucokinase Regulator Antibody detects endogenous levels of total Glucokinase Regulator
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GCKR
Accession No.	Q14397
Alternate Names	FGQTL5; GCK; GCKR; GCKR_HUMAN; GKRP; GLRE; glucokinase (hexokinase 4) regulator; Glucokinase; Glucokinase regulator; Glucokinase regulatory protein; Hexokinase 4 regulator; Hexokinase type IV; Hexokinase-4; Hexokinase-D; HK IV; HK4; OTTHUMP00000158533;

## Antibody Specification

Description	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-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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	68 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.