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Datasheet for ABIN7238981

## anti-GCKR antibody

### 2 Images

#### Overview

Quantity:	200 µL
Target:	GCKR
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCKR antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Synthetic peptide of human GCKR
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	GCKR
Alternative Name:	GCKR ( <a href="#">GCKR Products</a> )
Background:	<p>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.</p> <p>This gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of</p>

## Target Details

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the young (MODY).

Molecular Weight: 69 kDa

NCBI Accession: [NP\\_001477](#)

UniProt: [Q14397](#)

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

## Application Details

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Application Notes: WB 1:500-1:2000, IHC 1:100-1:300

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.9 mg/mL

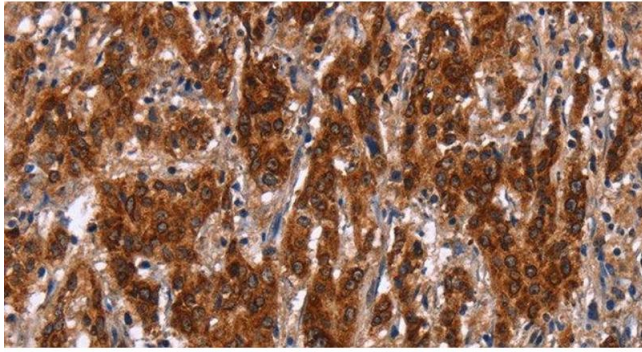
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

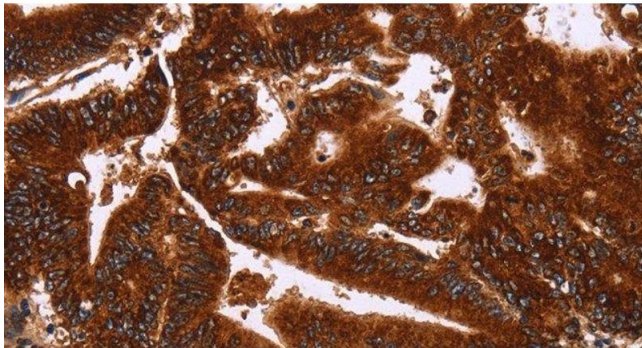
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using GCKR Polyclonal Antibody at dilution 1:50



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human colon cancer tissue using GCKR Polyclonal Antibody at dilution 1:50