

## GCKR

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**69kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human GCKR

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

GKRP; FGQTL5;

**Catalog #:**A5678

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2646

**Isotype:**IgG

**Swiss Prot:**Q14397

**Purity:**Affinity purification

For research use only.

**Background:**

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. This gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY).

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