

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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