





## GCKR Monoclonal Antibody

Catalog No	YP-mAb-03891
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GCKR
Protein Name	Glucokinase regulatory protein
Immunogen	The antiserum was produced against synthesized peptide derived from human Glucokinase Regulator. AA range:211-260
Specificity	GCKR Monoclonal Antibody detects endogenous levels of GCKR protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GCKR; Glucokinase regulatory protein; Glucokinase regulator
Observed Band	68kD
Cell Pathway	Cytoplasm . Nucleus . Mitochondrion . Under low glucose concentrations, GCKR associates with GCK and the inactive complex is recruited to the hepatocyte nucleus
Tissue Specificity	Found in liver and pancreas. Not detected in muscle, brain, heart, thymus, intestine, uterus, adipose tissue, kidney, adrenal, lung or spleen.
Function	function:Inhibits glucokinase by forming an inactive complex with this enzyme.,similarity:Belongs to the GCKR family.,similarity:Contains 1 SIS domain.,tissue specificity:Found in liver and pancreas. Not detected in muscle, brain, heart, thymus, intestine, uterus, adipose tissue, kidney, adrenal, lung or spleen.,
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). [provided by RefSeq, Jul 2008],



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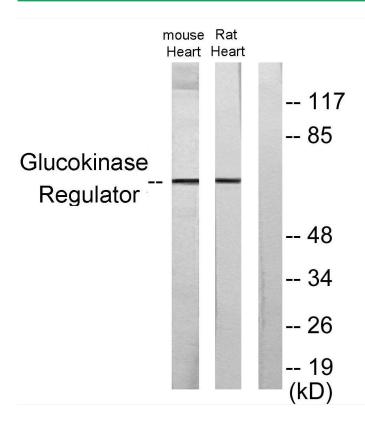
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using GCKR Monoclonal Antibody