



GCKR Monoclonal Antibody

Catalog No	YP-mAb-03891
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GCKR
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	GKRP;GCKR;Glucokinase regulatory protein;Glucokinase regulator
Observed Band	68kD
Calculated Molecular Weight	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],

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

