

MaxPab®

GCKR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002646-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GCKR protein.
Immunogen	GCKR (ADR83072.1, 1 a.a. ~ 625 a.a) full-length human protein.
Sequence	MPGTRFQHVETPEPGKWELSGYEAAPITEKSNPLTQDLDDKADAENVRLLGQCDAEIFQEEG QALSTYQRLYSESLTTMVQVAGKVQEVLKEPDGGLVVLSSGGTSGRMAFLMSVSFNQLMKGLG QKPLYTYLIAGGDRSVVASREGTEDSALHGIEELKKVAAGKKRVVIGISVGLSAPFVAGQMDCCM NNTAVFLPVLVGFNPVSMARNDPIEDWSSTFRQVAERMQKMQEKKAFVLNPAIGPEGLSGSSR MKGGSATKILLETLTLLAAHKTVDQGIAASQRCLEILRTFERAHQVTYSQSPKIATLMKSVSTSLEKK GHVYLVGWQTLGIIAMDGVECIHTFGADFRDVRGFLIGDHSDMFNQKAELTNQGPQFTFSQEDFL TSILPSLSTEIDTVVFIFTLDDNLTEVQTIVEQVKEKTNHIQALAHSTVGQTLPIPLKKLFPSIISITWPLL FEYEGNFIQKFQRELSTKWVLNTVSTGAHVLLGKILQNHMLDLRISNSKLFWRALAMLQRFSGQSK ARCIESLLRAIHFPQPLSDDIRAAPISCHVQVAHEKEQVIPIALLSLLFRCSITEAQAHLAAAPSVCE AVRSALAGPGQKRTADPLEILEPDVQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — GCKR

Entrez GeneID [2646](#)

GeneBank Accession# [HQ258318.1](#)

Protein Accession# [ADR83072.1](#)

Gene Name GCKR

Gene Alias GKRP

Gene Description glucokinase (hexokinase 4) regulator

Omim ID [600842](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations glucokinase (hexokinase 4) regulatory protein|glucokinase regulator|glucokinase regulatory protein|hexokinase 4

Disease

- [Albuminuria](#)
- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)

- [Dementia](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Gout](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Hyperlipoproteinemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Lipid Metabolism Disorders](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Overweight](#)
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