

GCKR Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP03507 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Glucokinase Regulator. AA range:211-260 |
| Mol wt | 68685 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | GCKR Antibody |
| Synonyms | GCKR; Glucokinase regulatory protein; Glucokinase regulator |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GCKR encodes glucokinase regulator 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. GCKR is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY).

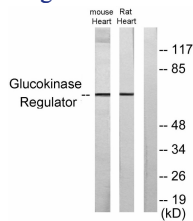
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from mouse heart and rat heart cells, using Glucokinase Regulator Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year