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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09275 - Goat Anti-GCKR Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GCKR, glucokinase (hexokinase 4) regulator, GKRP, glucokinase (hexokinase 4) regulatory protein, glucokinase regulator, glucokinase regulatory protein, hexokinase 4

Official Symbol: GCKR

Accession Number(s): NP_001477.1

Human GeneID(s): [2646](#)

Non-Human GeneID(s): 231103 (mouse), 25658 (rat)

Immunogen

Peptide with sequence KRFQHVIENTPEPGK -C, from the N Terminus of the protein sequence according to NP_001477.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 70kDa band observed in Mouse and Rat Liver lysates (calculated MW of 68.7kDa according to Human NP_001477.1 and of 68.9kDa according to Rat NP_037252.1). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat



EB09275 (0.1µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.