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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 GenelD(s): 231103 (mouse), 25658 (rat)

Immunogen

Peptide with sequence KRFQHVIETPEPGK -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 (0.1 μ g/ml) staining of Rat Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.