



## UK Office

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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 KRFQHVETPEPGK -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 $\mu$ g/ml) staining of Rat Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.