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

EB09130 - Goat Anti-KCNJ1 / ROMK Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KCNJ1, potassium inwardly-rectifying channel, subfamily J, member 1, KIR1.1, ROMK, ROMK1, ATP-regulated potassium channel ROM-K, ATP-sensitive inward rectifier potassium channel 1, OTTHUMP00000045938, inwardly rectifying K+ channel, potassium inwardly-rectifying channel J1

Official Symbol: KCNJ1

Accession Number(s): NP_000211.1; NP_722448.1

Human GeneID(s): [3758](#)

Non-Human GeneID(s): 56379 (mouse), 24521 (rat)

Important Comments: This antibody is expected to recognize reported isoforms NP_722449.2 and NP_000211. The following reported variants represent identical protein: NP_722451.1, NP_722449.2, NP_722450.1, NP_722448.1.

Immunogen

Peptide with sequence C-DQININFVVDAGNEN, from the internal region of the protein sequence according to NP_000211.1; NP_722448.1.

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. 45kDa band observed in Human Kidney lysates (calculated MW of 44.8kDa according to NP_000211.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB09130 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.