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

EB10176 - Goat Anti-HCN3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: hyperpolarization activated cyclic nucleotide-gated potassium channel 3, KIAA1535, MGC131493, potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3, HCN3

Official Symbol: HCN3

Accession Number(s): NP_065948.1

Human GeneID(s): [57657](#)

Non-Human GeneID(s): 15168 (mouse)

Immunogen

Peptide with sequence C-RGVRGRAPSTGAQ, from the internal region of the protein sequence according to NP_065948.1.

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 1:32000.

Western blot: Approx 85kDa band observed in Rat Kidney lysates (calculated MW of 86.0kDa according to Human NP_065948.1 and 86.8kDa according to Rat NP_446137.1).
Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10176 (1 μ g/ml) staining of Rat Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.