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# 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): <u>57657</u> 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**

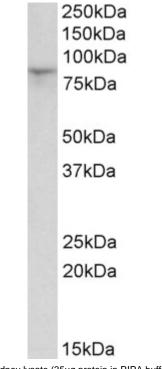
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

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