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Research Use Only. Not for diagnostic or therapeutic use.

EB10175 - Goat Anti-HCN3 (aa 715-728) 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 GenelD(s): 15168 (mouse), 114245 (rat)

Immunogen

Peptide with sequence C-SQPSLPQRATGDGS, 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 1:8000.

Western blot: Approx 80kDa band observed in Mouse Brain lysates (calculated MW of 86.6kDa according to Mouse NP_032253.1). Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Mouse

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

15kDa

20kDa

EB10175 ($0.01\mu g/ml$) staining of Mouse Brain lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.