

Goat anti-HCN3 (aa 715-728) Antibody

Item Number	dAP-2357
Target Molecule	Principle Name: HCN3 (aa 715-728); Official Symbol: HCN3; All Names and Symbols: HCN3; hyperpolarization activated cyclic nucleotide-gated potassium channel 3; KIAA1535; MGC131493; potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3; Accession Number (s): NP_065948.1; Human Gene ID(s): 57657; Non-Human GeneID(s): 15168 (mouse) 114245 (rat)
Immunogen	SQPSLPQRATGDGS, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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.
IHC	
Reference	Reference(s): Hofmann F, Biel M, Kaupp UB, International Union of Pharmacology. LI. Nomenclature and structure-function relationships of cyclic nucleotide-regulated channels. Pharmacological reviews 2005 Dec 57 (4): 455-62..PMID: 16382102->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**