

## Goat anti-HCN3 Antibody

<b>Item Number</b>	dAP-2294
<b>Target Molecule</b>	Principle Name: HCN3; 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)
<b>Immunogen</b>	RGVRGRAPSTGAQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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**