

Datasheet for ABIN7115163 **anti-HCN2 antibody**



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Overview

Quantity:	100 µg
Target:	HCN2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	hyperpolarization activated cyclic nucleotide-gated potassium channel 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	HCN2
Alternative Name:	HCN2 (HCN2 Products)
Background:	Synonyms:BCNG2,HAC 1, HCN2 Background:Hyperpolarization-activated ion channel exhibiting weak selectivity for potassium over sodium ions. Contributes to the native pacemaker currents in heart(lf) and in neurons(lh). Can also transport ammonium in the distal nephron. Produces a large instantaneous current. Modulated by intracellular chloride ions and pH , acidic pH shifts

Target Details

	the activation to more negative voltages(By similarity).
Molecular Weight:	97 kDa
Gene ID:	610
UniProt:	Q9UL51

Application Details

Application Notes:	WB: 1:200-1:2000, IP: 1:200-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months