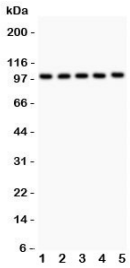
HCN1 Antibody (R31623)

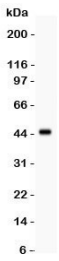
Catalog No.	Formulation	Size
R31623	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	348980
Applications	Western blot: 0.5-1ug/ml
Limitations	This HCN1 antibody is available for research use only.



Western blot testing of HCN1 antibody and Lane 1: rat brain; 2: mouse brain; 3: human HeLa; 4: (h) U87; 5: (h) MCF-7 lysate. Predicted/observed size ~99KD



Western blot testing of HCN1 antibody and recombinant human protein (0.5ng)

Description

Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1, also known as HAC-2 or BCNG-1, is a protein that in humans is encoded by the HCN1 gene. It is mapped to 5p12. The membrane protein encoded by this gene is a hyperpolarization-activated cation channel that contributes to the native pacemaker currents in heart and neurons. HCN1 can homodimerize or heterodimerize with other pore-forming subunits to form a potassium channel. This channel may act as a receptor for sour tastes.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the HCN1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 618-890) was used as the immunogen for this HCN1 antibody.

Storage

After reconstitution, the HCN1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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