

bs-9858R-A647

• Rabbit Anti-HCN2 Polyclonal Antibody, Alexa Fluor 647 conjugated

Conjugated Primary Antibodies

Background:

Hyperpolarization-activated, cyclic nucleotide-binding channels (HCN) are voltage-gated cation channels that are activated by direct binding of intracellular cyclic nucleotides. The HCN family consists of four members (HCN1–4), each with a core transmembrane segment domain and a carboxy-terminal 120 amino-acid cyclic nucleotide-binding domain motif (1). HCN channels are expressed in the brain, heart, thalamus and testis (1). The pacemaker properties of HCN channels contribute to spontaneous rhythmic activity in the brain and heart (1). The genes encoding human HCN1 and HCN2 map to chromosomes 5 and 19p13.3, respectively (2,3). The genes encoding HCN3 and HCN4 map to chromosomes 1q21.3 and 15q24-q25, respectively (4,5).

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:

Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and less than 0.09% sodium azide. Store at -20°C for 12 months. Protect from light. [Product without BSA and/or sodium azide is available for special order.]

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul

Concentration: 1ug/uL

Host: Rabbit

Reactivities:

Human, Mouse, Rat, Chicken, Bovine, Sheep,

Application:

- FCM(1:50-100)
- IF(1:50-200)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 97kDa

Note:

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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