

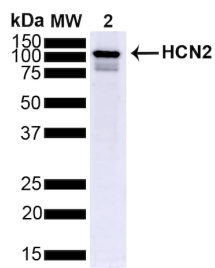
Anti-HCN2 Antibody [S71] (A304767)

Specifications:

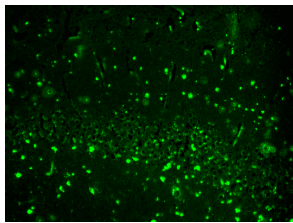
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|------------------------|--|
| Name: | Anti-HCN2 Antibody [S71] |
| Description: | Mouse monoclonal [S71] antibody to HCN2. |
| Applications: | WB, IHC, ICC/IF, IP, Antibody Microarray |
| Recommended Dilutions: | WB: 1:1,000, IHC: 1:1,000, ICC/IF: 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Cross Reactivity: | This antibody does not cross-react with HCN1. |
| Immunogen: | Fusion protein amino acids 761-863 (cytoplasmic C-terminus) of rat HCN2. |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Clone ID: | S71 |
| Isotype: | IgG1 |
| Conjugate: | Unconjugated |
| Purification: | Protein G purification. |
| Concentration: | 1 mg/ml |
| Molecular Weight: | ~95 kDa |
| Product Form: | Liquid |
| Formulation: | Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Disclaimer: | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

Anti-HCN2 Antibody [S71] (A304767)

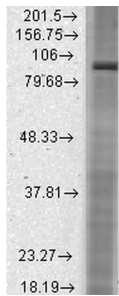
Images:



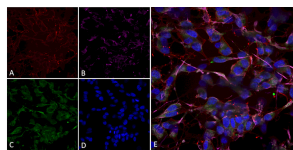
Western blot analysis of mouse brain showing detection of ~95 kDa HCN2 protein using Anti-HCN2 Antibody [S71] (A304767) at 1:1,000 for 2 hours at room temperature with shaking. Lane 1: MW Ladder. Lane 2: mouse brain (15 ug). Load: 15 ug. Block: 5% Skim Milk powder in TBST. The secondary antibody used was Goat anti-mouse IgG:HRP at 1:4,000 for 1 hour at room temperature with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 minutes in room temperature. Predicted/Observed Size: ~95 kDa.



Immunohistochemistry analysis of human hippocampus, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-HCN2 Antibody [S71] (A304767) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature.



Western blot analysis of rat brain membrane lysate showing detection of HCN2 protein using Anti-HCN2 Antibody [S71] (A304767) at 1:1,000 for 2 hours at room temperature. Load: 15 μ g. Block: 1.5% BSA for 30 minutes at room temperature. The secondary antibody used was Sheep Anti-Mouse IgG: HRP for 1 hour at room temperature.



Immunocytochemistry/Immunofluorescence analysis of human differentiated SH-SY5Y, using Anti-HCN2 Antibody [S71] (A304767), at 1:100. The secondary antibody used was AlexaFluor 488. Counterstain: phalloidin (Alexa 647, red), beta tubulin (Anti-beta III Tubulin Ab, Alexa 555, magenta) Hoechst (blue).(A) Phalloidin (B) Anti-beta III Tubulin Ab. (C) HCN2 Antibody. (D) Hoechst (E) Composite.