Anti-HCN1 Antibody [S70] (A304768)

Specifications:

Name:	Anti-HCN1 Antibody [S70]
Description:	Mouse monoclonal [S70] antibody to HCN1.
Applications:	WB, IHC, 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 HCN2.
Immunogen:	Fusion protein amino acids 778-910 (C terminus) of rat HCN1.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	S70
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~100 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.

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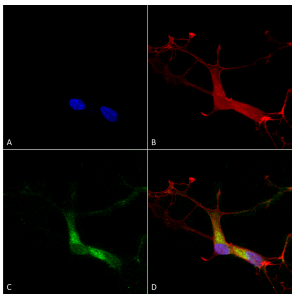
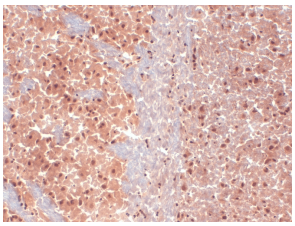
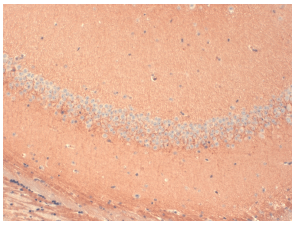
Images:



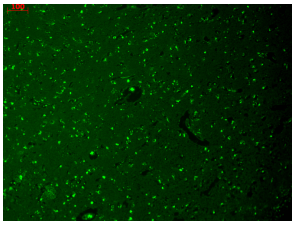
Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-HCN1 Antibody [S70] (A304768), at 1:100 for overnight at 4°C with slow rocking. The secondary antibody used was AlexaFluor 488 at 1:1,000 for 1 hour at room temperature. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 minutes at room temperature.(A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) HCN1 Antibody (D) Composite.



Immunohistochemistry analysis of mouse frozen brain section, fixed in 10% formalin solution for 12-24 hours at room temperature. The Primary Antibody used was Anti-HCN1 Antibody [S70] (A304768) at 1:1,000 for 1 hour at room temperature. The secondary antibody used was HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 µl for 5 minutes at room temperature.



Immunohistochemistry analysis of mouse frozen brain section, fixed in 10% formalin solution for 12-24 hours at room temperature. The Primary Antibody used was Anti-HCN1 Antibody [S70] (A304768) at 1:1,000 for 1 hour at room temperature. The secondary antibody used was HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 µl for 5 minutes at room temperature. Localization: Neurons.



Immunohistochemistry analysis of human hippocampus, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-HCN1 Antibody [S70] (A304768) at 1:1,000 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.