

# Product Datasheet

## HCN3 Antibody (S141-28)

### NBP2-12896-0.025mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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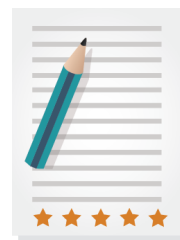
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**NBP2-12896-0.025mg**

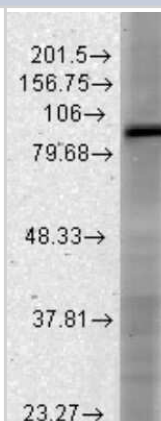
HCN3 Antibody (S141-28)

Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S141-28
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	57657
Gene Symbol	HCN3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 90kDa. No cross-reactivity against other HCNs.
Immunogen	Fusion protein amino acids 660-779 (C terminus) of mouse HCN3
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 0.1-1.0 ug/ml, Microarray
Application Notes	1 ug/ml of HCN3 Antibody was sufficient for detection of HCN3 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

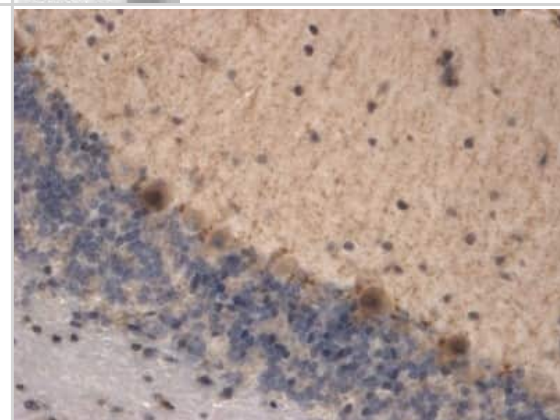


## Images

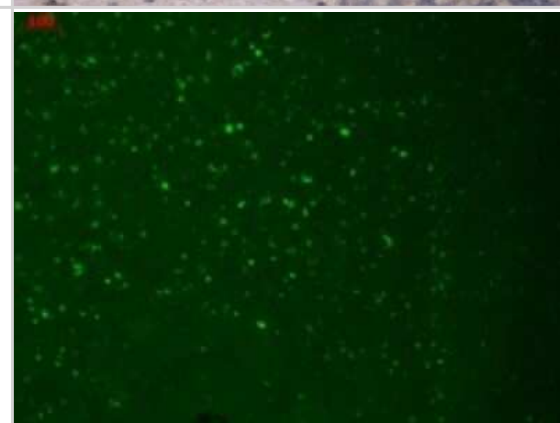
Western Blot: HCN3 Antibody (S141-28) [NBP2-12896] - analysis of Rat brain membrane lysate showing detection of HCN3 protein using Mouse Anti-HCN3 Monoclonal Antibody, Clone S141-28 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-HCN3 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunohistochemistry-Paraffin: HCN3 Antibody (S141-28) [NBP2-12896] - Tissue: brain tissue. Species: Mouse. Fixation: 10% Formalin Solution for 12-24 hours at RT. Primary Antibody: Mouse Anti-HCN3 Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 ul for 5 minutes at RT. Localization: Granular staining of some Purkinje cells. Staining appears to be focal.



Immunohistochemistry-Paraffin: HCN3 Antibody (S141-28) [NBP2-12896] - Analysis of HCN3 in human hippocampal tissues using SMC-306. Courtesy of Dr. Turksen, Ottawa Hospital Research Institute, Canada.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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