

# Anti-HCN1 Antibody

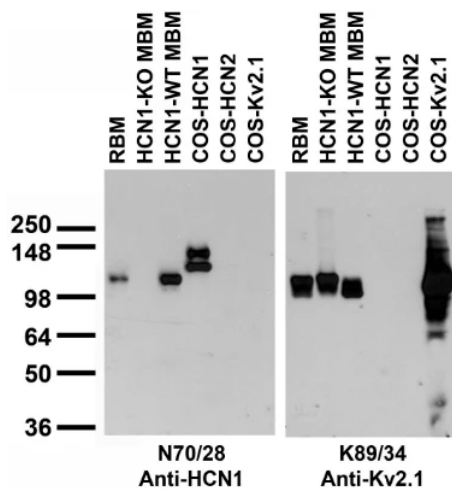


## Product Details

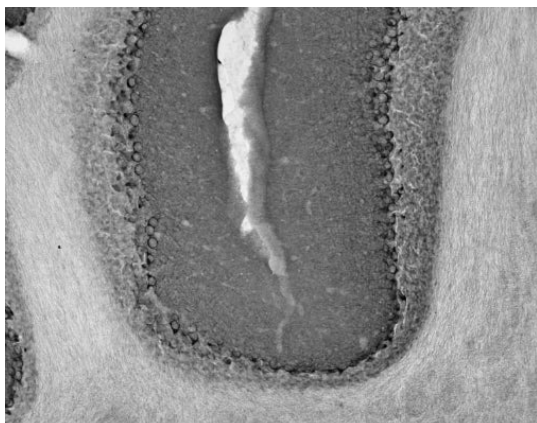
<b>Available Variants</b>	100 $\mu$ L (SKU:75-110) 20 $\mu$ L (SKU:75-110-020)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG1
<b>Clone</b>	N70/28
<b>Gene Name</b>	Hcn1
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL
<b>Format</b>	Purified by Protein A chromatography
<b>Physical State</b>	Liquid
<b>Buffer</b>	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.38
<b>Production Notes</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
<b>Applications</b>	ELISA, EM, ICC, IHC, IP, WB
<b>Dilution Ranges</b>	WB: 1:500 IHC: 1:500 ICC: 1:100
<b>Species Reactivity</b>	Chicken, Gerbil, Human, Mouse, Non-Human Primate, Rat
<b>Immunogen</b>	Fusion protein amino acids 778-910 (cytoplasmic C-terminus) of rat HCN1 (accession number Q9JKB0); Mouse: 96% identity (128/133 amino acids identical) produced recombinantly in E. Coli
<b>Specificity</b>	No cross-reactivity against HCN2
<b>Molecular Weight</b>	100 kDa

<b>Quality Control</b>	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
<b>Storage</b>	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap.
<b>Antibody Registry ID</b>	AB_2115181
<b>UniProt ID</b>	<a href="#">Q9JKB0</a>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

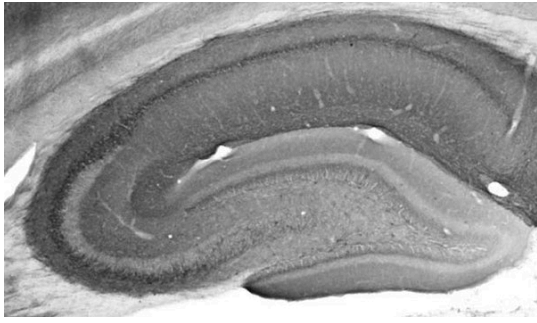
## Product Images



Adult rat and mouse brain membrane (RBM and MBM, respectively) and transfected cell immunoblot: extracts of RBM, HCN1-KO and -WT MBM and COS-1 cells transfected with GFP-HCN1, GFP-HCN2 or Kv2.1 plasmids and probed with N70/28 (left panel) or K89/34 TC supe (right panel).



Adult rat cerebellum immunohistochemistry.



Adult rat hippocampus immunohistochemistry.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-hcn1-antibody-n70-28-75-110](http://www.antibodiesinc.com/products/anti-hcn1-antibody-n70-28-75-110)



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