

Anti-HCN3 Antibody

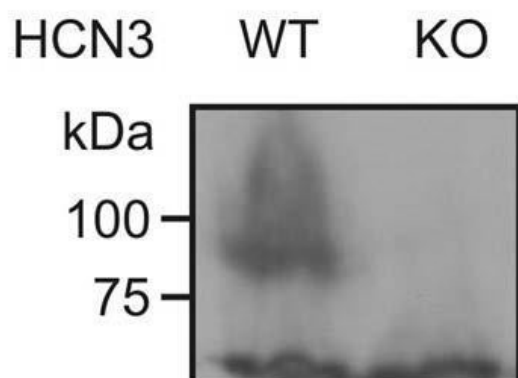


Product Details

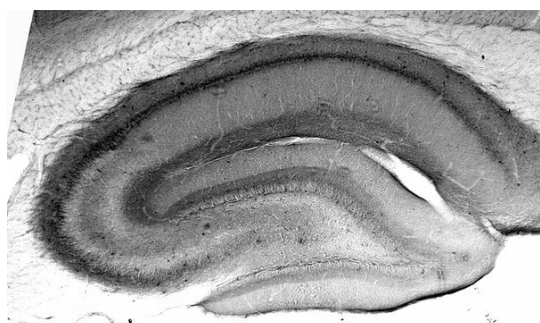
Available Variants	100 µL (SKU:75-175)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N141/28
Gene Name	Hcn3 Hac3
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.103
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 660-779 (cytoplasmic C-terminus) of mouse HCN3 (accession number O88705) produced recombinantly in E. Coli
Specificity	No cross-reactivity against other HCN's
Molecular Weight	90 kDa
Quality Control	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.

Storage	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.
Antibody Registry ID	AB_2120025
UniProt ID	O88705
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

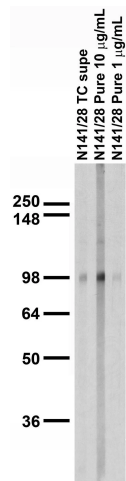
Product Images



Immunoblot versus lysates of total brain from HCN3 knockout (KO) and wild-type (WT) mice probed with N141/28. Data courtesy of Martin Biel (Ludwig-Maximilians Universität München) and reproduced from the Journal of Biological Chemistry (2013 Cao-Ehlker et al, PMID 23382386).



Adult rat hippocampus immunohistochemistry.



Adult rat brain membrane immunoblot.

Product Page URL: www.antibodiesinc.com/products/anti-hcn3-antibody-n141-28-75-175



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