

Anti-KCNU1/Slo3 pH-Sensitive Maxi-K⁺ Channel Antibody

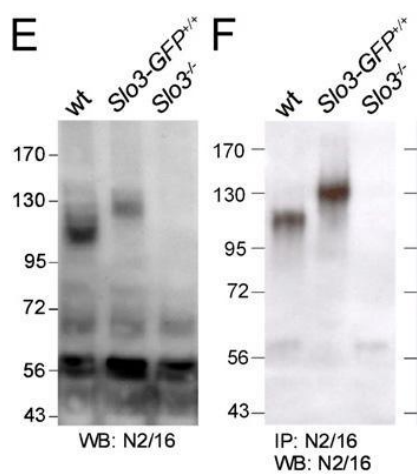


Product Details

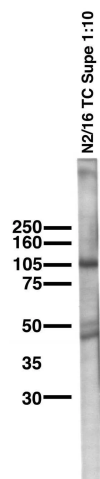
Available Variants	100 µL (SKU:75-056) 20 µL (SKU:75-056-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N2/16
Gene Name	Kcnu1 Kcnma3 Ksper Slo3
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
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, IP, WB
Dilution Ranges	WB: 1:500
Species Reactivity	Mouse, Xenopus
Immunogen	Fusion protein amino acids 1052-1121 of mouse Slo3 (accession number O54982) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	115 kDa

Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
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_2131864
UniProt ID	O54982
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.

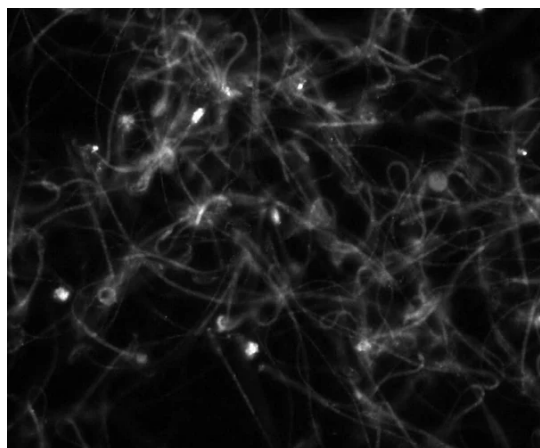
Product Images



Immunoblot versus (E) membrane proteins from wild- type (wt), Slo3-eGFP and Slo3 knockout (Slo3^{-/-}) mouse testes and (F) immunoprecipitation products from total testes proteins pulled down with N2/16 probed with N2/16. Data courtesy of Christopher Lingle (Washington University) and reproduced with permission from the Proceedings of the National Academy of Sciences of the United States of America (2011 Zeng et al., PMID 21427226).



Mouse sperm membrane immunoblot.



Mouse sperm immunofluorescence staining.

Product Page URL: www.antibodiesinc.com/products/anti-kcnu1-slo3-ph-sensitive-maxi-k-channel-antibody-n2-16-75-056



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