



### Anti-KCNU1/Slo3 pH-sensitive maxi potassium channel, NeuroMab clone N2/16

#### Immunogen:

Fusion protein amino acids 1052-1121 of mouse Slo3 (also known as Potassium channel subfamily U member 1, Pore-forming subunit of the sperm-specific alkalization activated K(+) current, Calcium-activated potassium channel subunit alpha-3, Calcium-activated potassium channel, subfamily M subunit alpha-3, Slowpoke homolog 3, Kcnu1, KCa5, Kcnma3, Kcnmc1 and Ksper, accession number O54982)  
<50% identity with human and rat KCNU1/Slo3

#### Monoclonal antibody info:

Mouse strain: Balb/C  
Myeloma cell: SP2/0  
Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Not yet validated for use in mammalian brain

Species Reactivity: mouse

MW: 115 kDa

Top left: immunoblot versus (E) membrane proteins from wild-type (wt), Slo3-eGFP and Slo3 knockout (Slo3<sup>-/-</sup>) 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).

Top right: mouse sperm membrane immunoblot

Bottom: mouse sperm immunofluorescence staining

