

Title: Myosin VI in skeletal muscle: Its localization in the sarcoplasmic reticulum, neuromuscular junction and muscle nuclei

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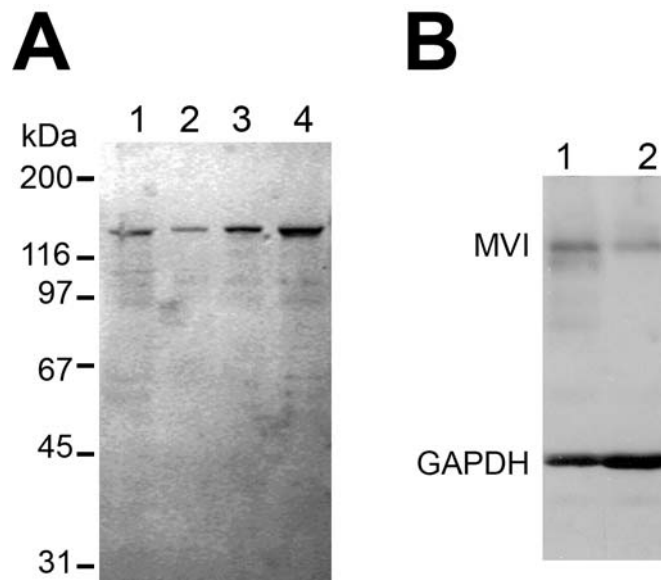
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Online resource 1. Detection of myosin VI heavy chain in muscle homogenates. **A.** Myosin VI heavy chain (M.W. ~140 kDa) was detected with polyclonal anti-porcine myosin VI antibody in homogenates of mouse brain (lane 1, 10 μ g) and rat soleus muscle (lanes 2-4). Lanes 2-4, 10, 20 and 40 μ g of the homogenate, respectively. Myosin VI band was visualized using alkaline phosphatase-based detection system. **B.** Myosin VI heavy chain and GAPDH (glyceraldehyde 3-phosphodehydrogenase) were detected in homogenates of rat soleus (lane 1) and EDL (lane 2 muscles). ~10 μ g of homogenates were loaded onto the gel. The band corresponding to the proteins were visualized using the enhanced chemiluminescence (ECL) detection system.