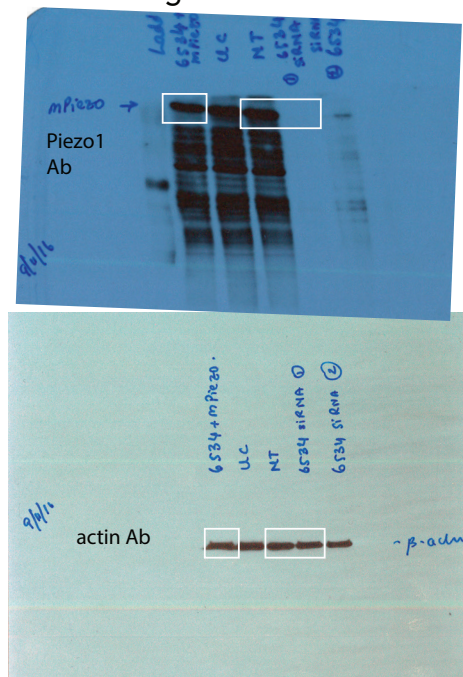


Figure 2B



Western blot analysis of C2C12 cells. The top panel shows Piezo1 protein levels, with a single band visible in the lane labeled 'Piezo1 Ab'. The bottom panel shows tubulin protein levels, with two bands visible in the lane labeled 'tubulin Ab', indicating equal loading of the two samples. Molecular weight markers are indicated on the right side of the blots.

10/11/2016

P-ERK1/2
Ab

Control			Gd ³⁺		
L	W	L	L	W	-

pERK 1/2 →

pERK ↑ upon stretch

actin Ab

					- β -actin
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pERK $\pm$ Gd³⁺ $\pm$ stretch