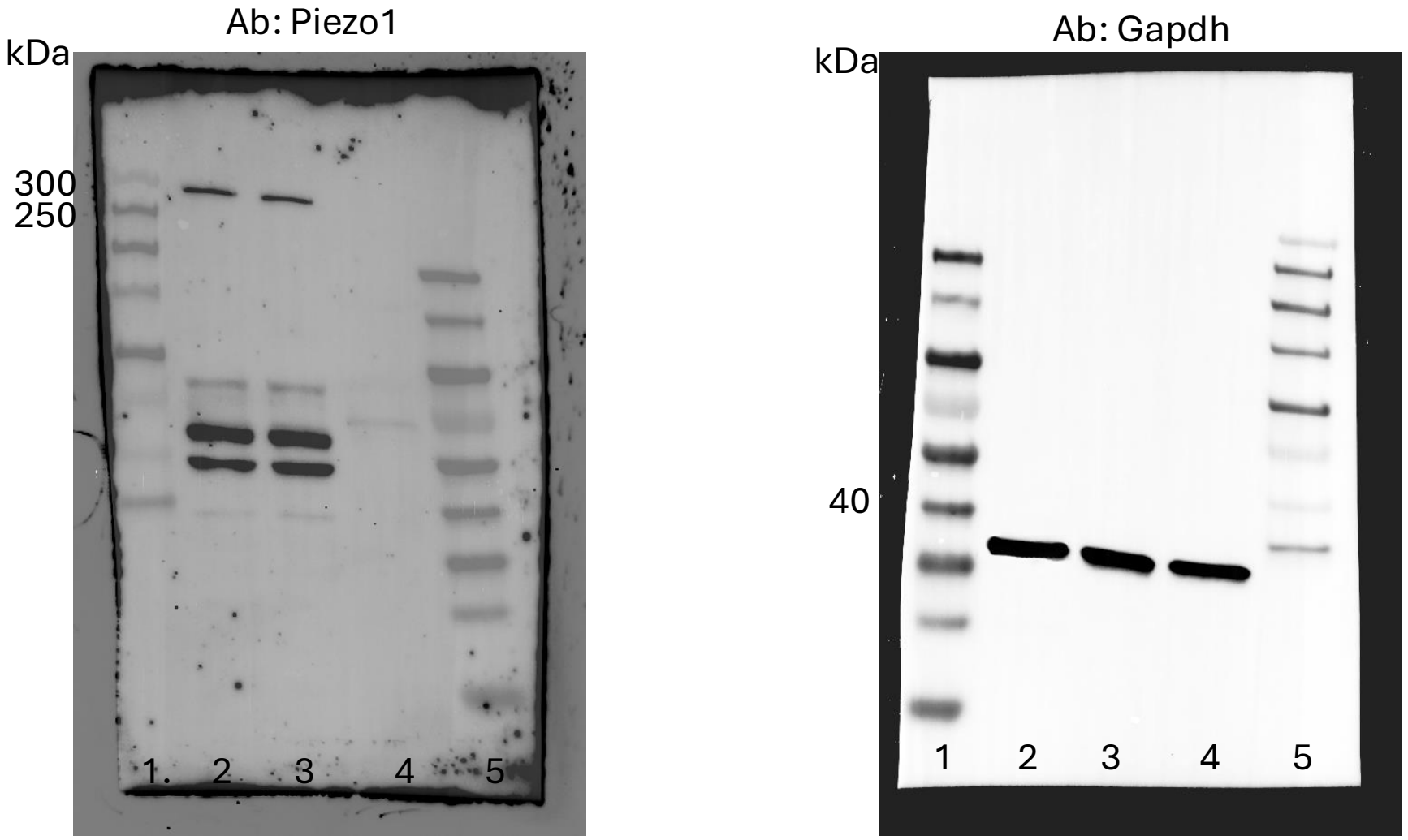
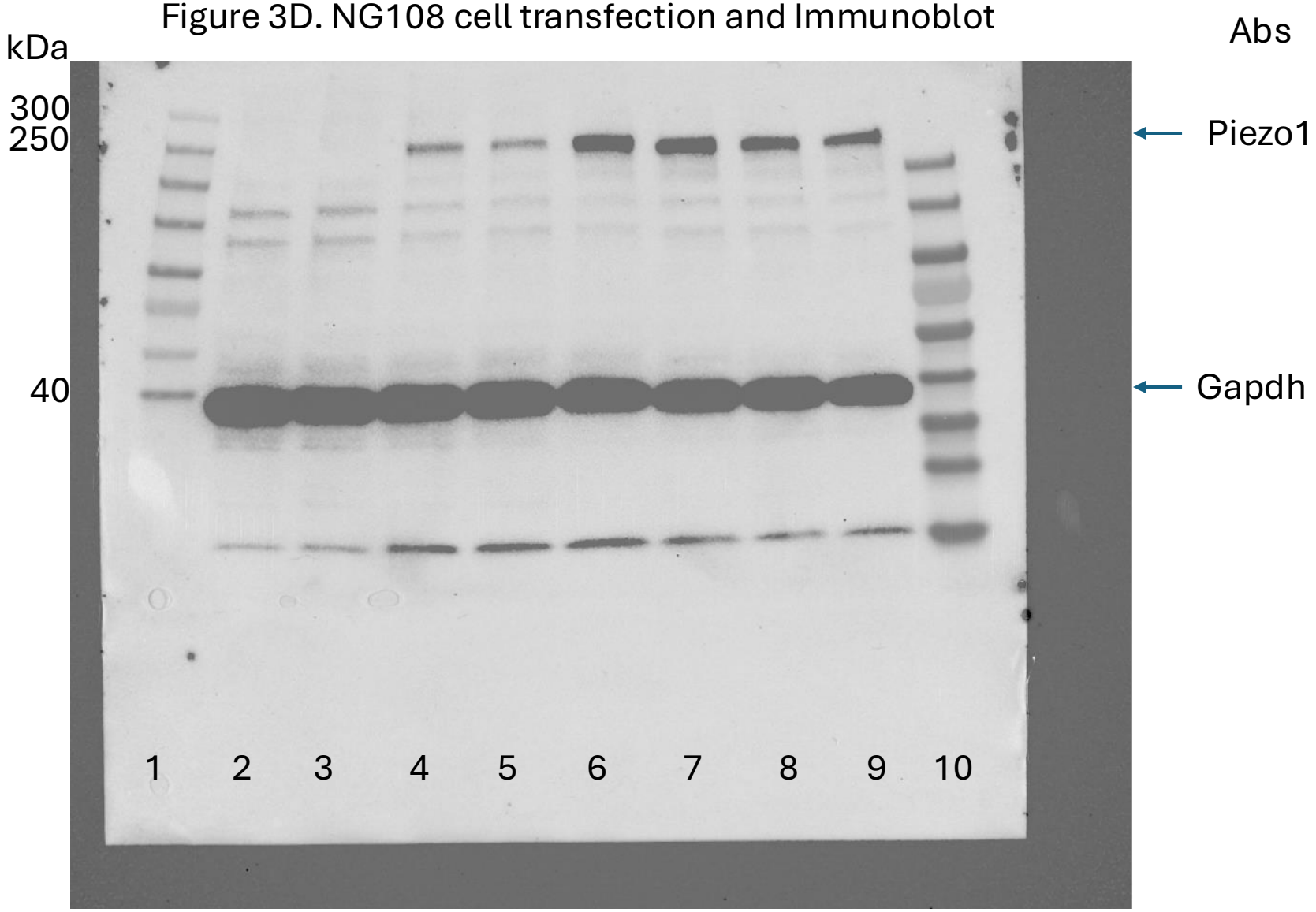
Figure 3A. Validate Piezo1 Ab by N2ACas9 cells



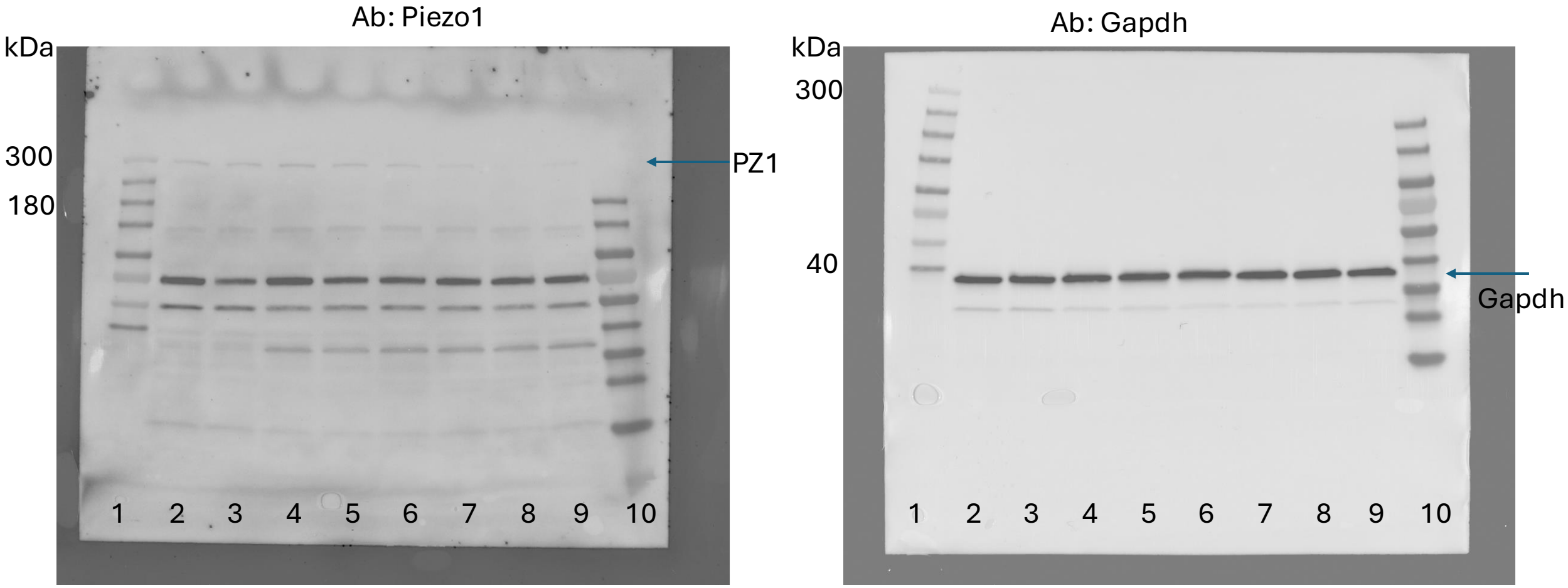
Legend (Both gels): Line 1 and 5, protein ladders. Lane 2, N2ACas9. Lane 3, N2ACas9-mCherry
Lane 4, N2ACas9-mCherry-PZ1gRNA

Figure 3D. NG108 cell transfection and Immunoblot



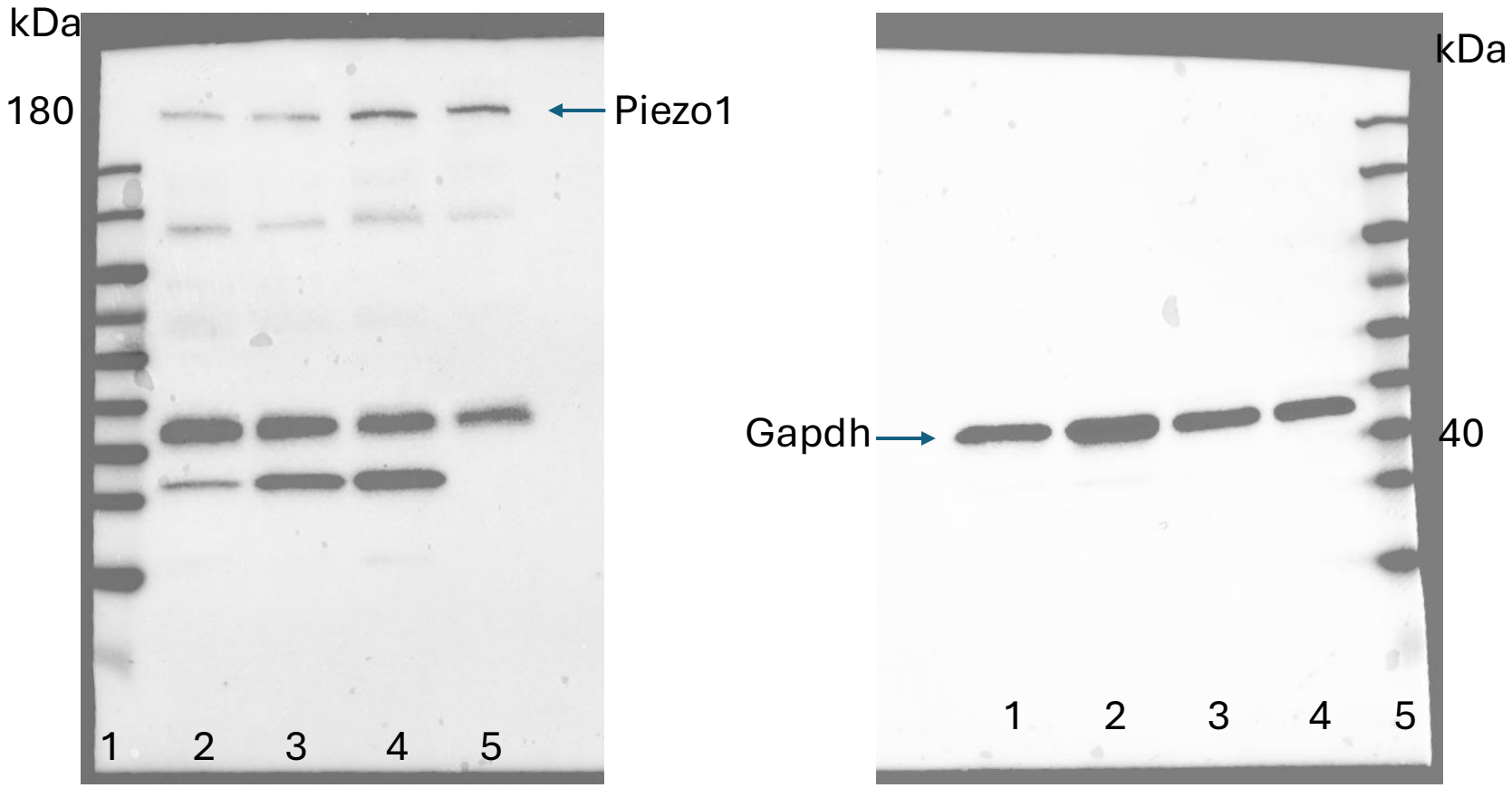
Legend: Lane 1 and 10, protein ladders. Lane 2 and 3: PZ1-shRNA1. Lane 4 and 5: PZ1-shRNA2. Lane 6 and 7: Scramble (Sc). Lane 8 and 9: Sham (naïve).

Figure 3D (repeat). NG108 cell transfection and Immunoblot



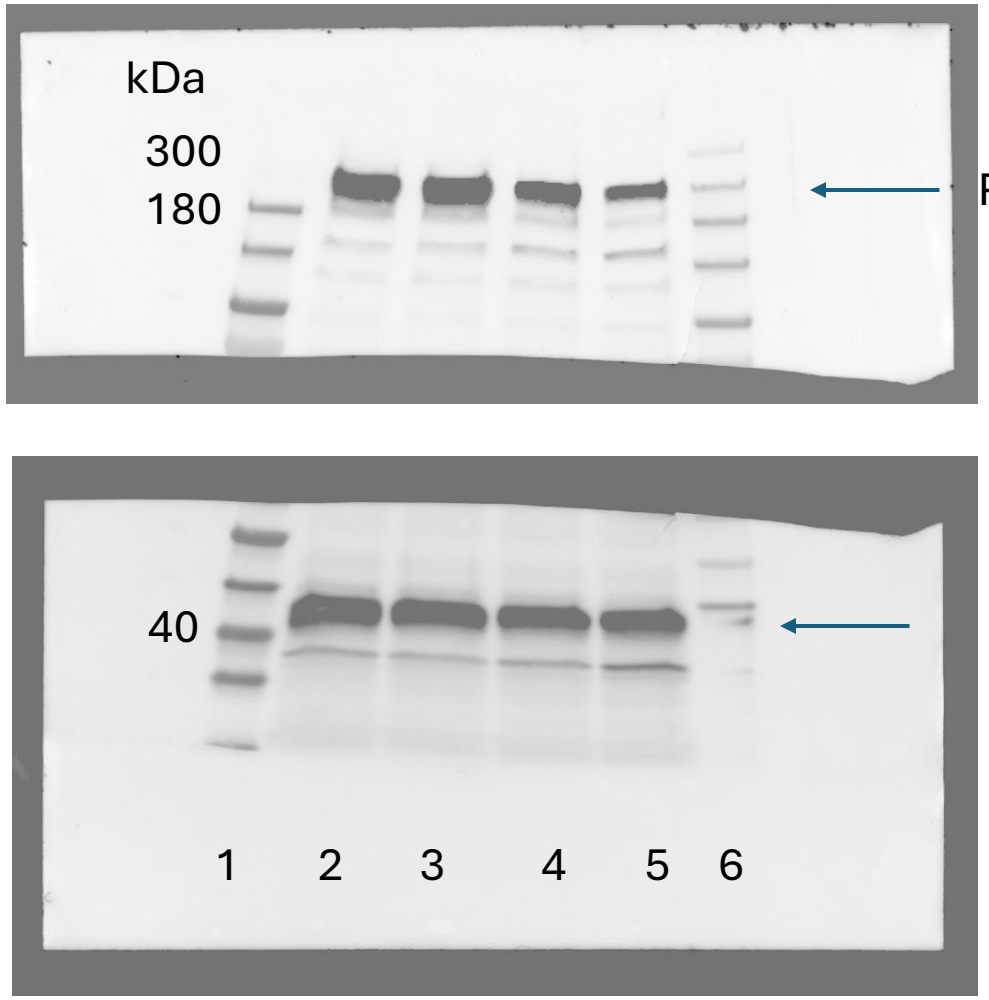
Legend (both membranes): Lane 1 and 10, protein ladders. Lane 2 and 3: Sham (naïve). Lane 4 and 5: Scramble (Sc). Lane 6 and 7: PZ1-shRNA2. Lane 8 and 9: PZ1-shRNA1.

Figure 5F. Piezo1 Immunoblots on isolated SCs



Legend (both membranes)
Lane 1 and 5: Protein ladders
Lane 2 and 3: SCs of PZ1-shRNA rats
Lane 4 and 5: SCs of scramble rats

Figure 5F (repeat). Piezo1 Immunoblots on isolated SCs



Legend (both membranes)
Lane 1 and 6: Protein ladders
Lane 2 and 3: SCs of scramble rats
Lane 4 and 5: SCs of PZ1-shRNA rats