

Western Blot Dataset

For manuscript: “Connexin 43 is downregulated in advanced Parkinson’s disease in multiple brain regions which correlates with symptoms”

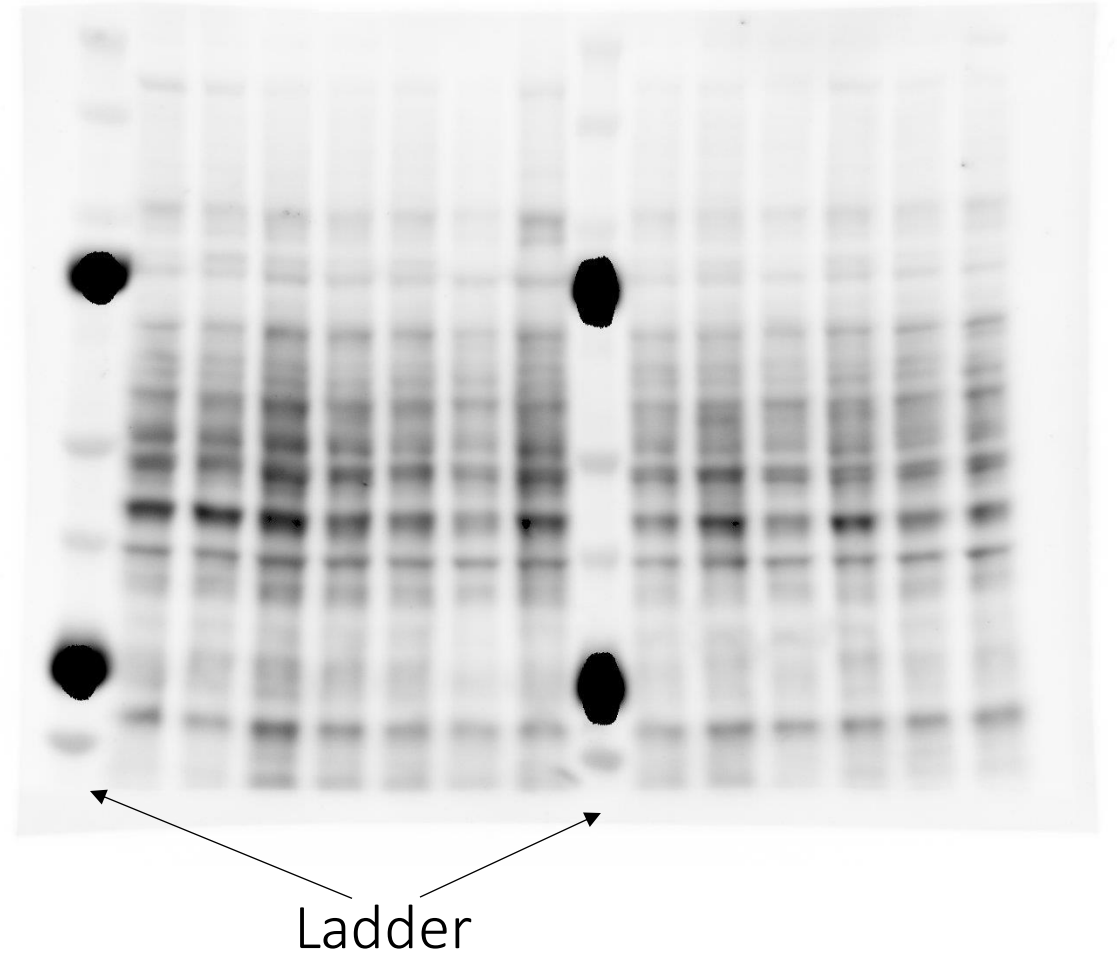
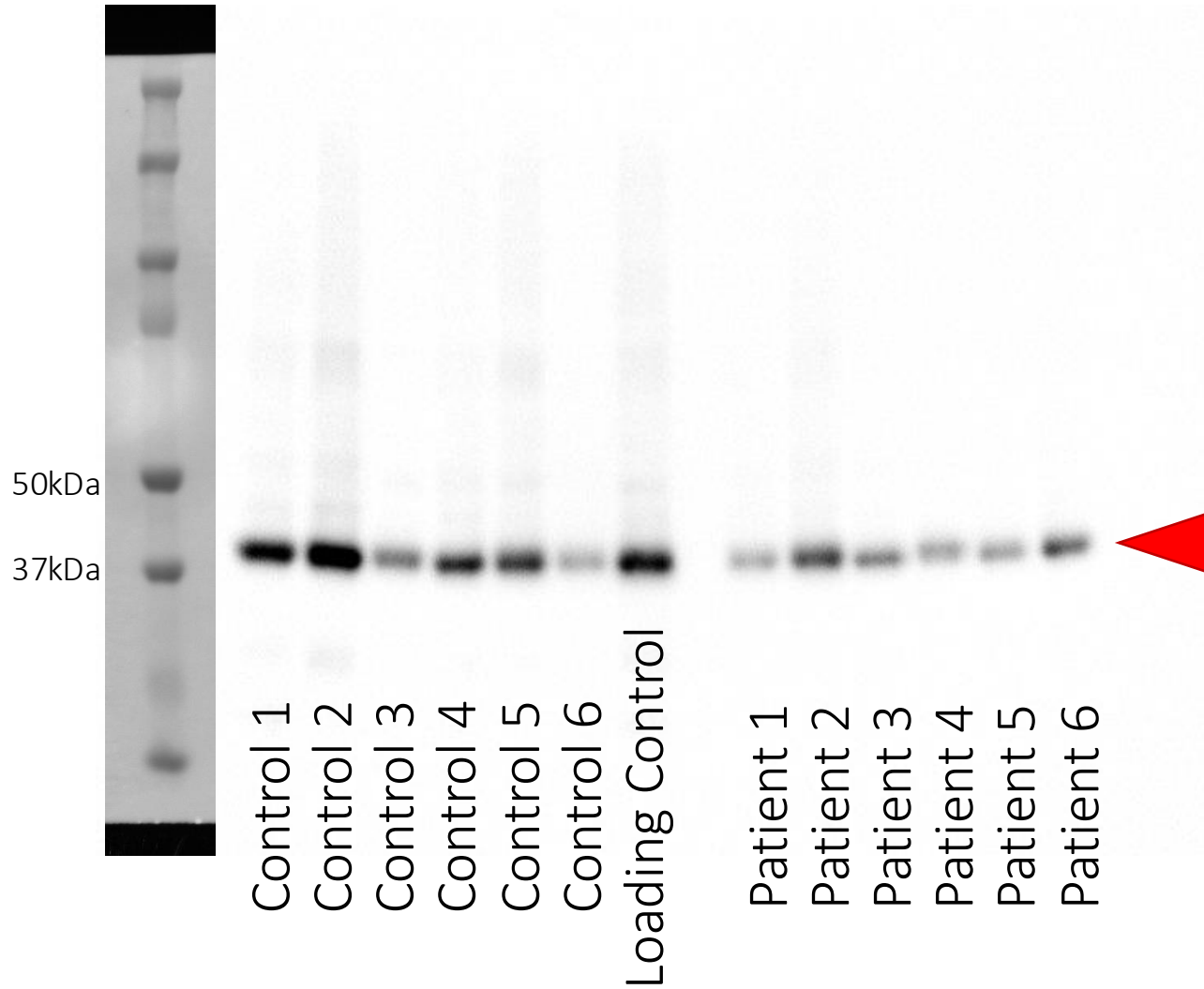
Prepared by Dr N. Hastings

Human tissue samples
20 Controls; 20 Parkinson’s Disease

Parietal cortex batch 1: 1-6

anti-Cx43

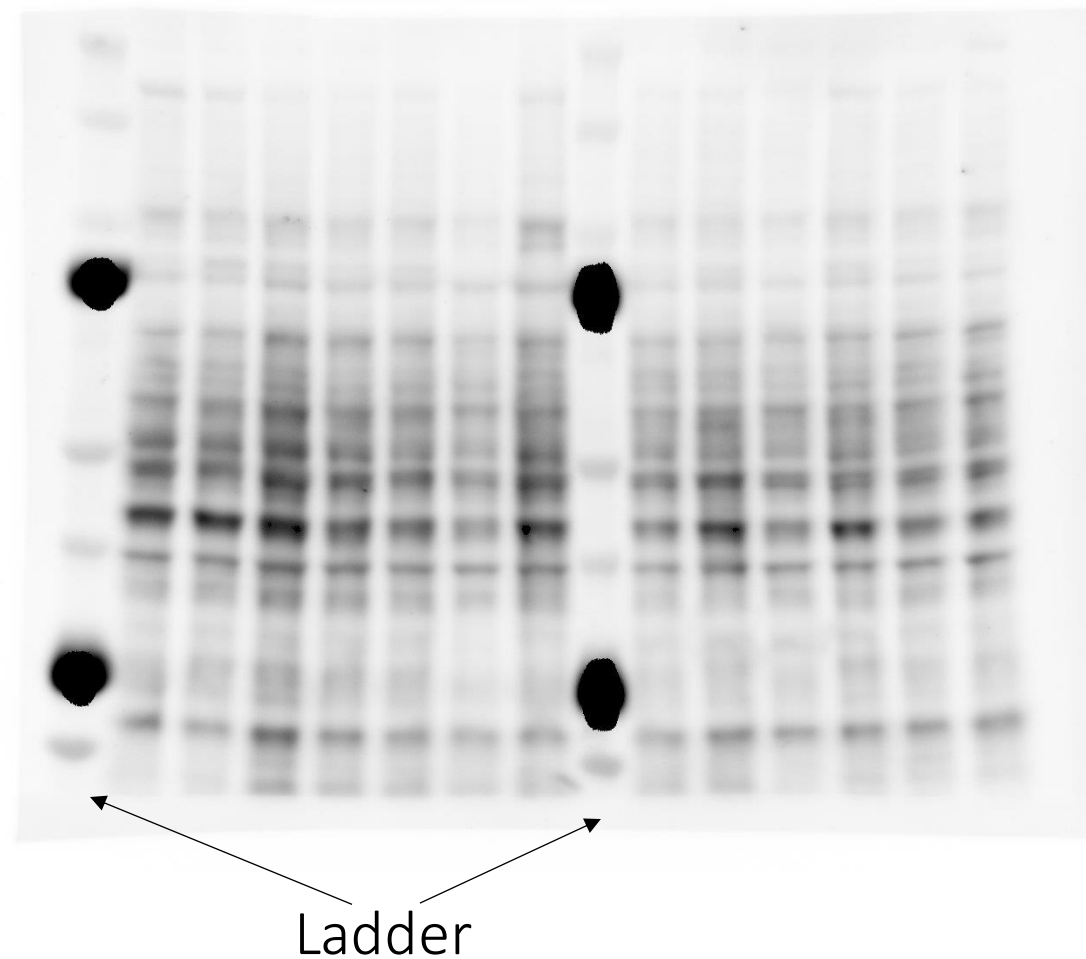
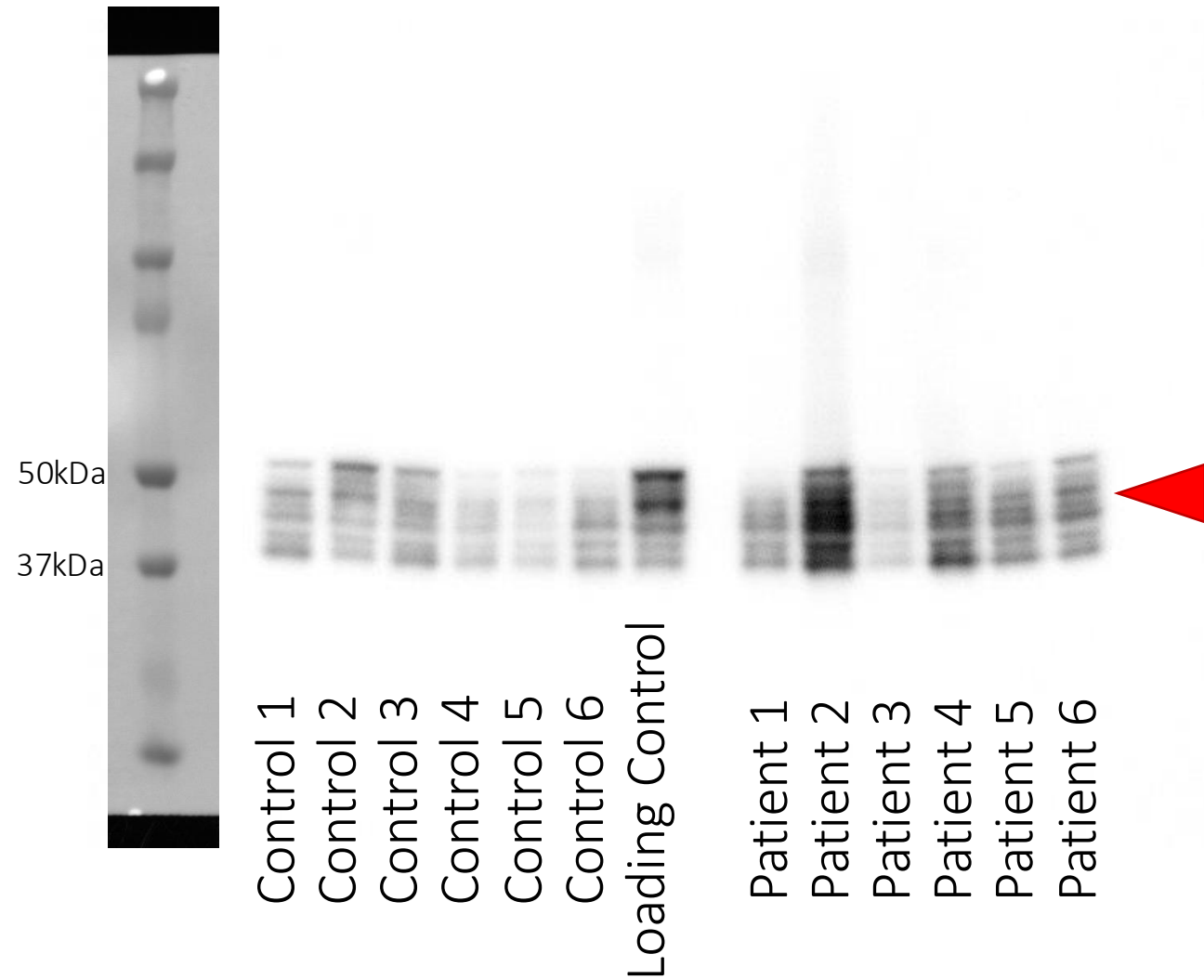
Total Protein (same membrane)



Parietal cortex batch 1: 1-6

anti-GFAP

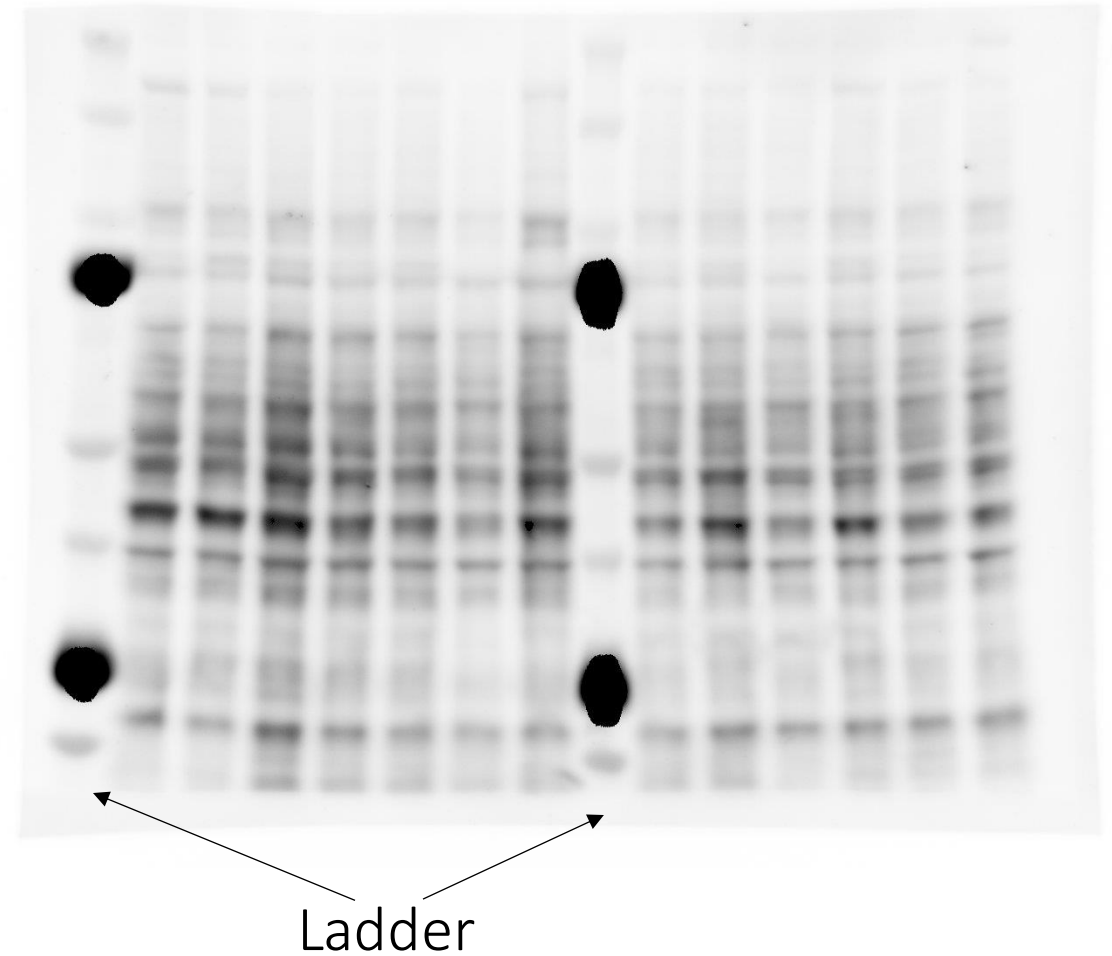
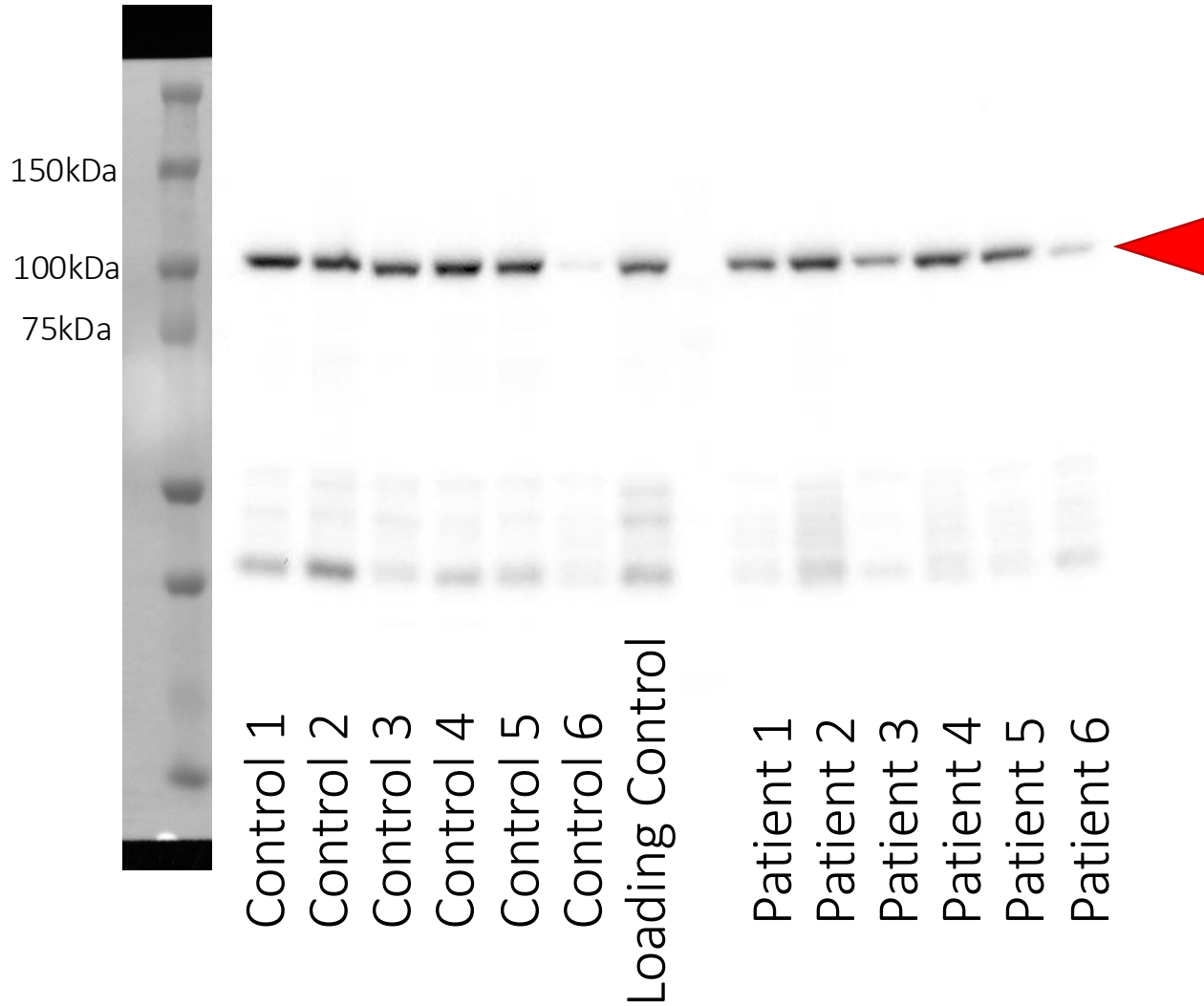
Total Protein (same membrane)



Parietal cortex batch 1: 1-6

anti-Aldh1L1

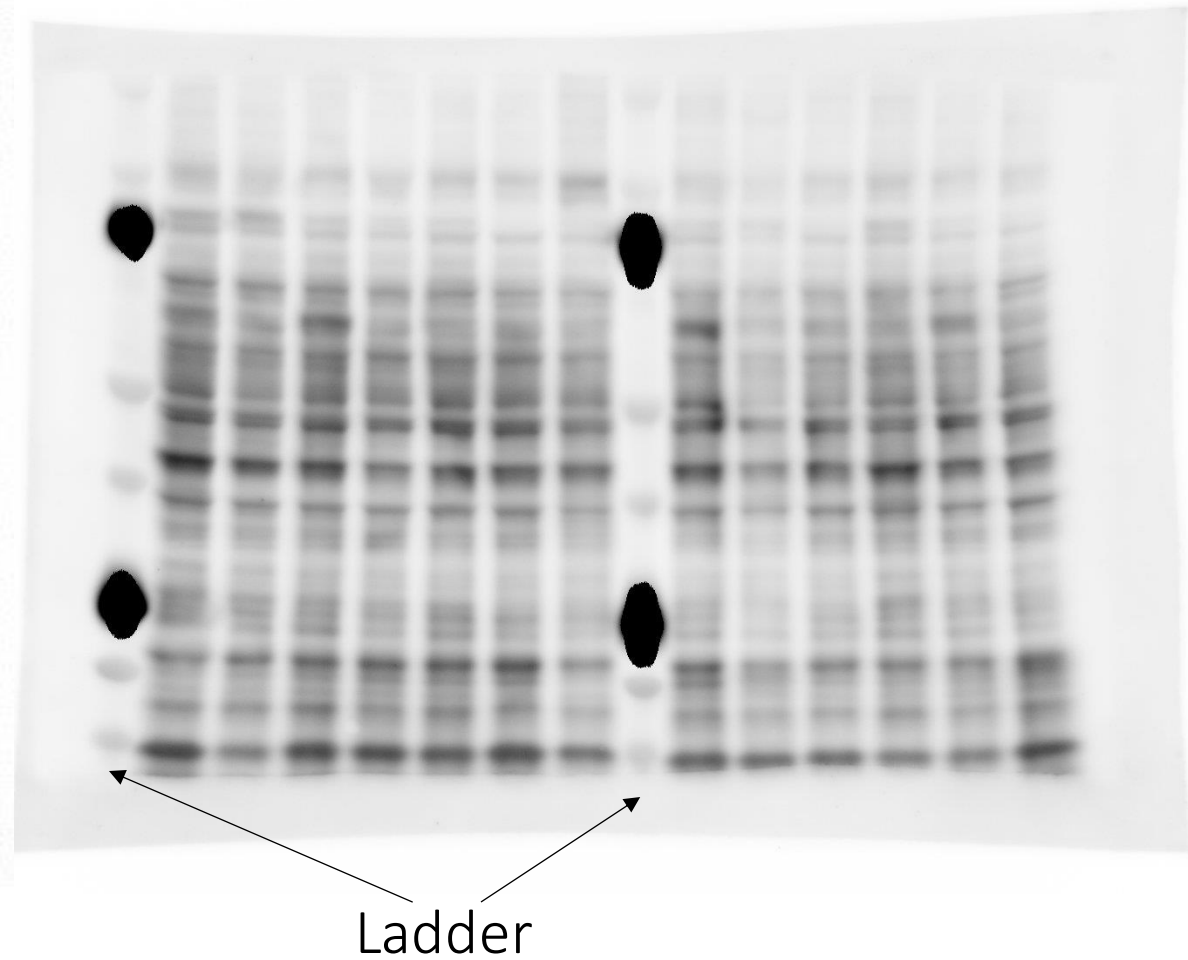
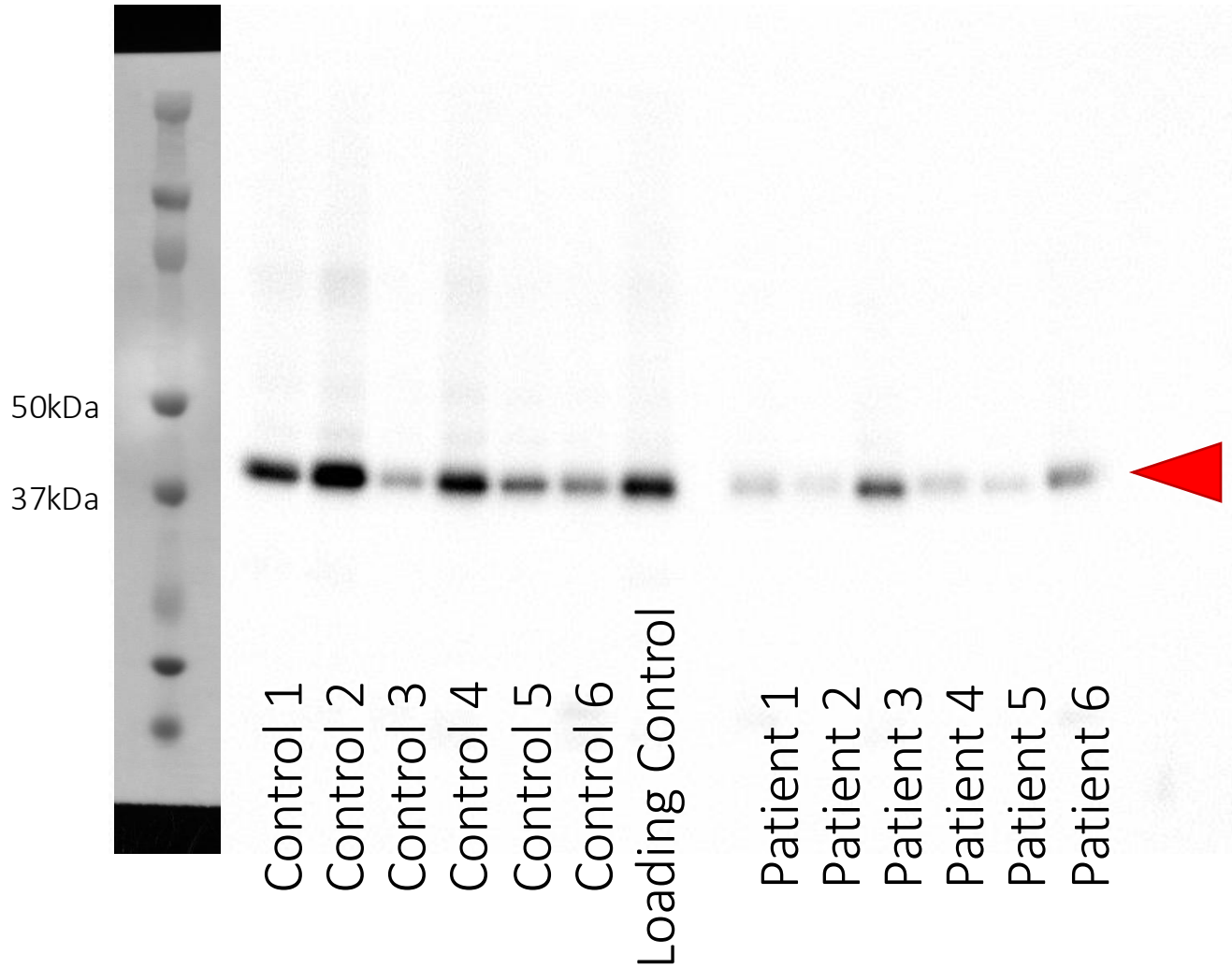
Total Protein (same membrane)



Striatum batch 1: 1-6

anti-Cx43

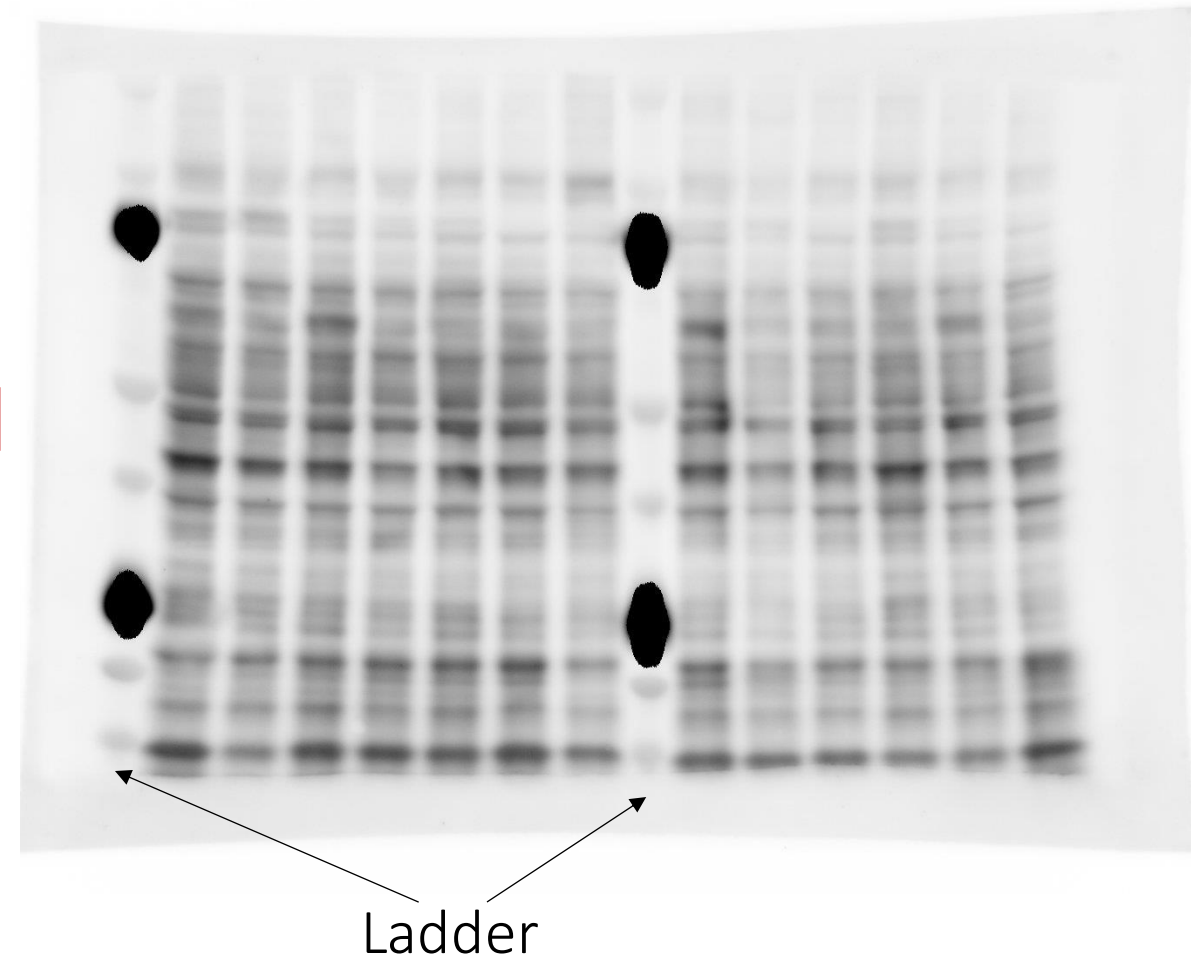
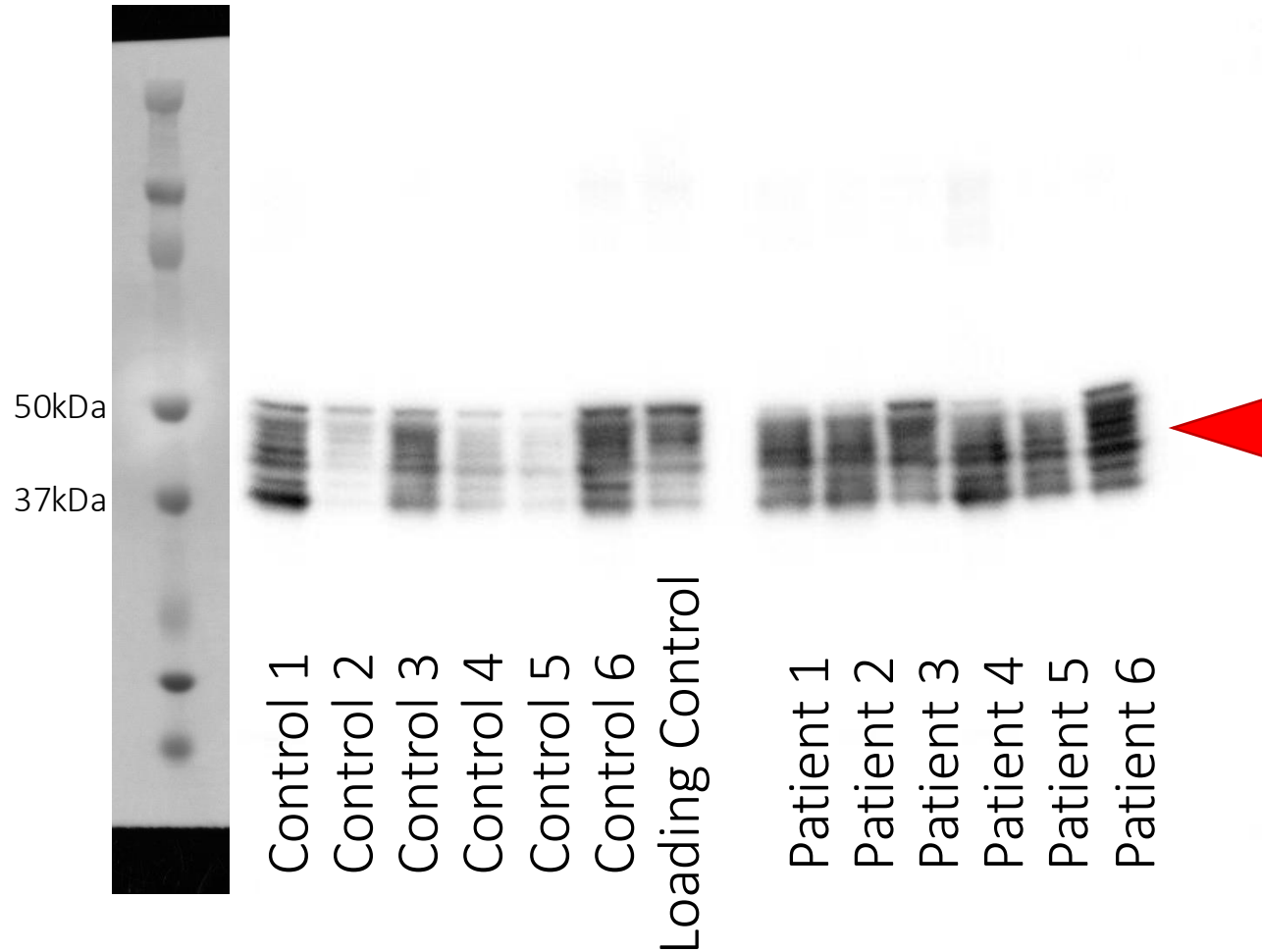
Total Protein (same membrane)



Striatum batch 1: 1-6

anti-GFAP

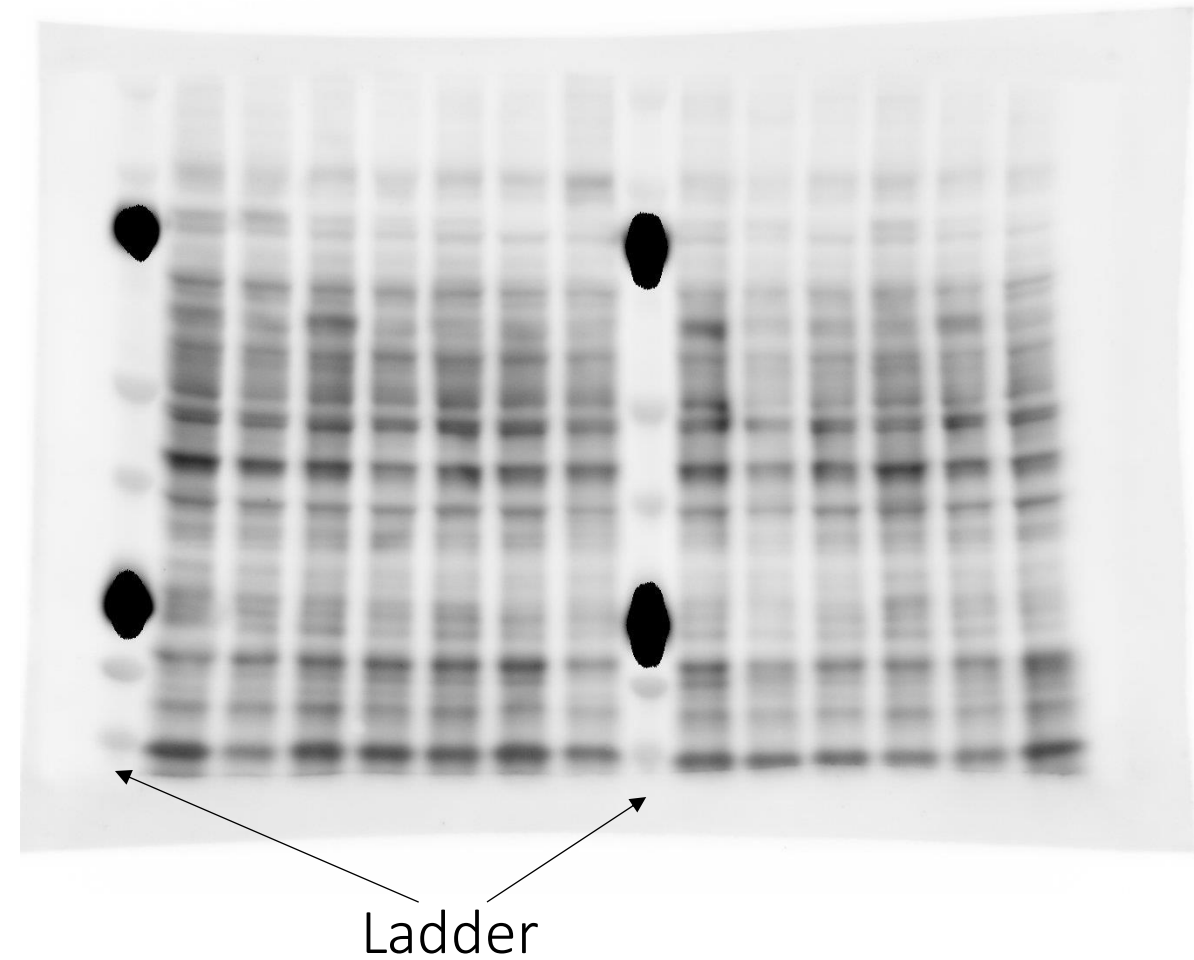
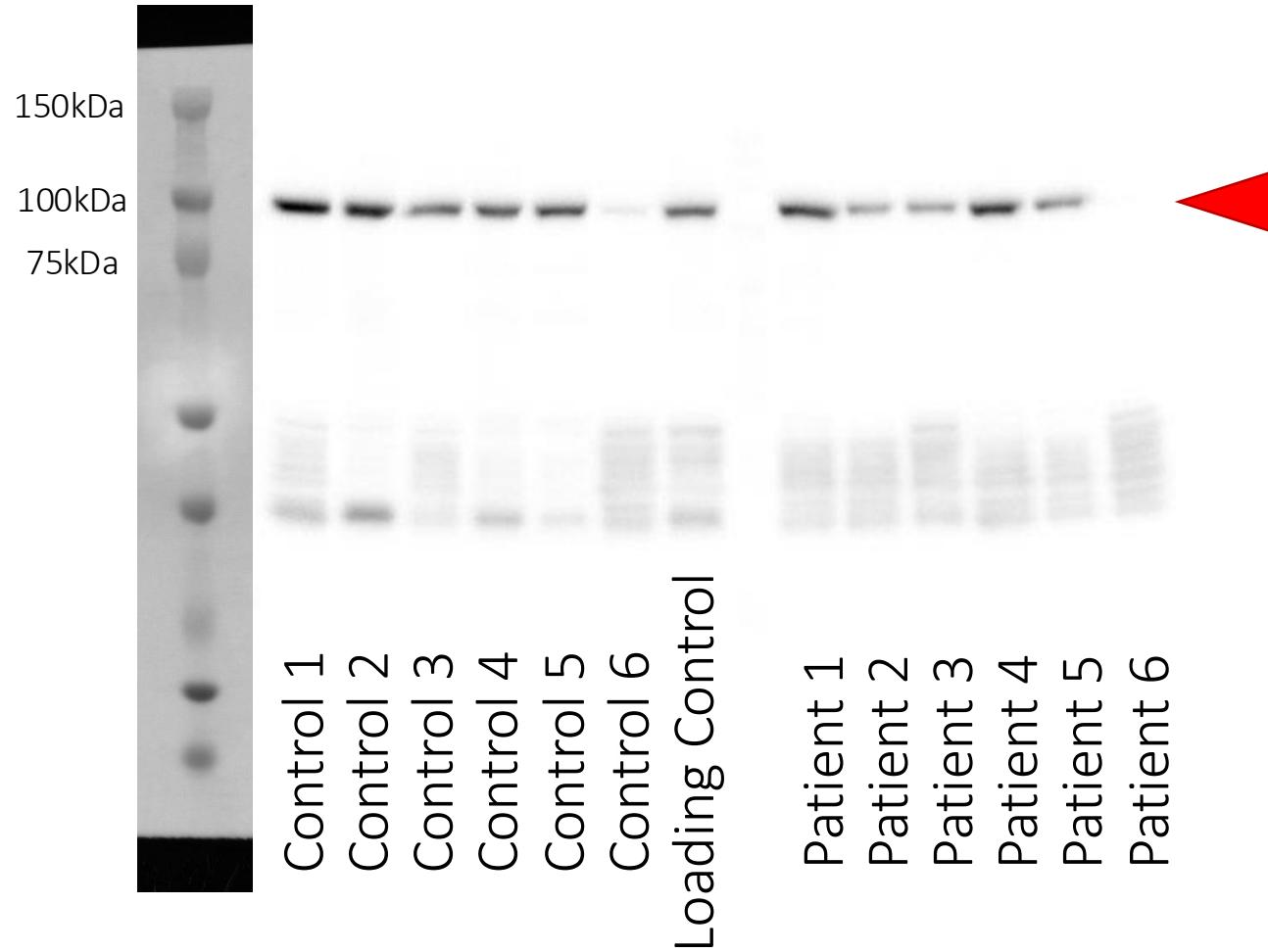
Total Protein (same membrane)



Striatum batch 1: 1-6

Anti-Aldh1L1

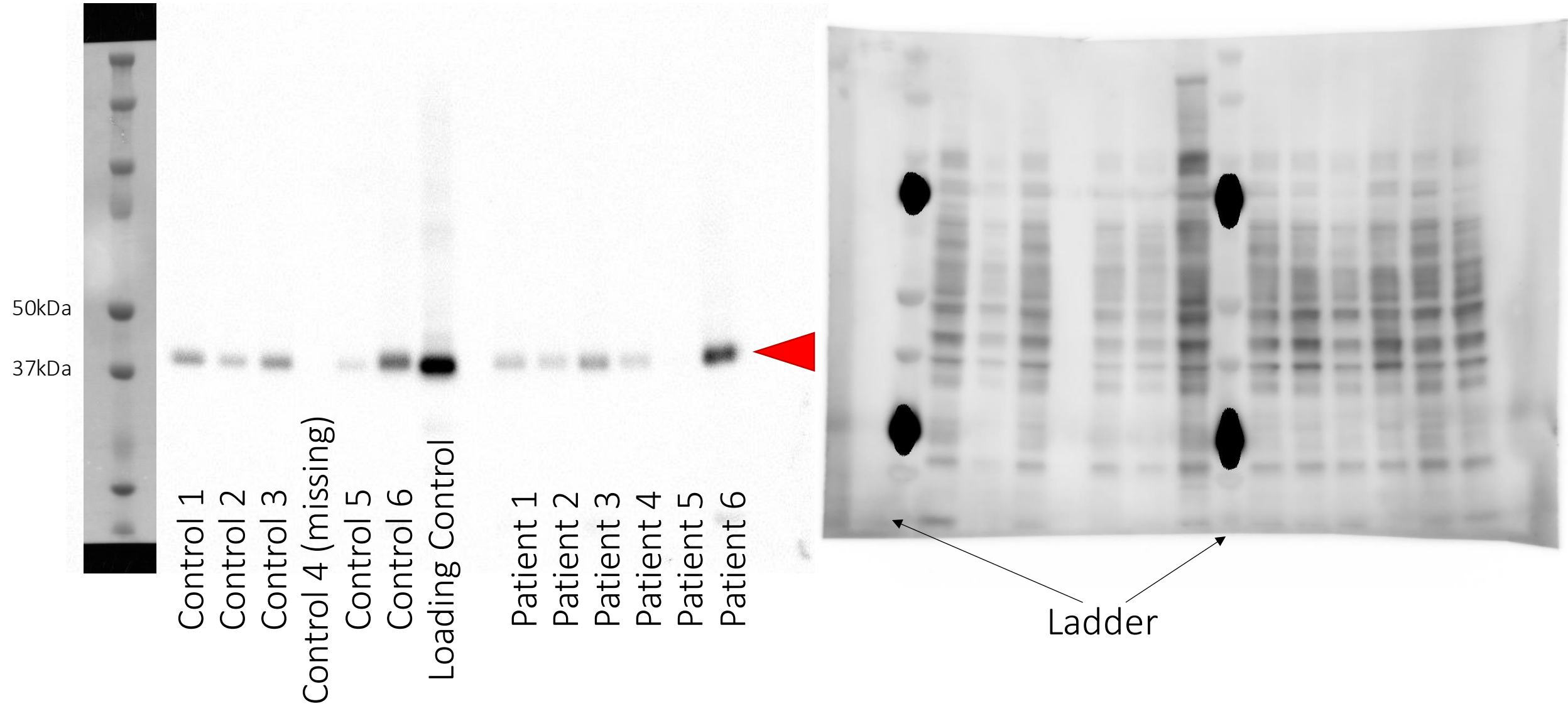
Total Protein (same membrane)



Midbrain SN batch 1: 1-6

anti-Cx43

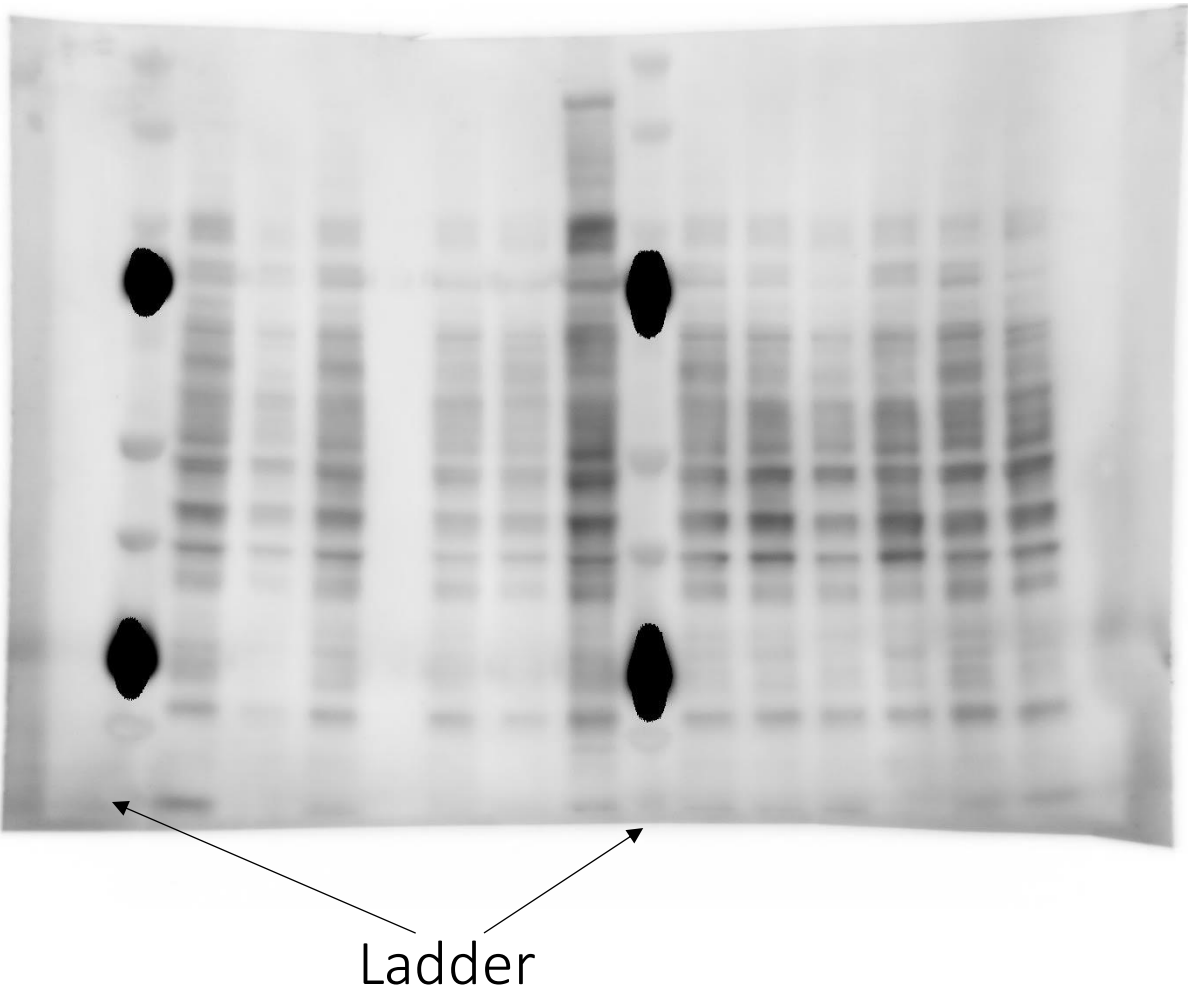
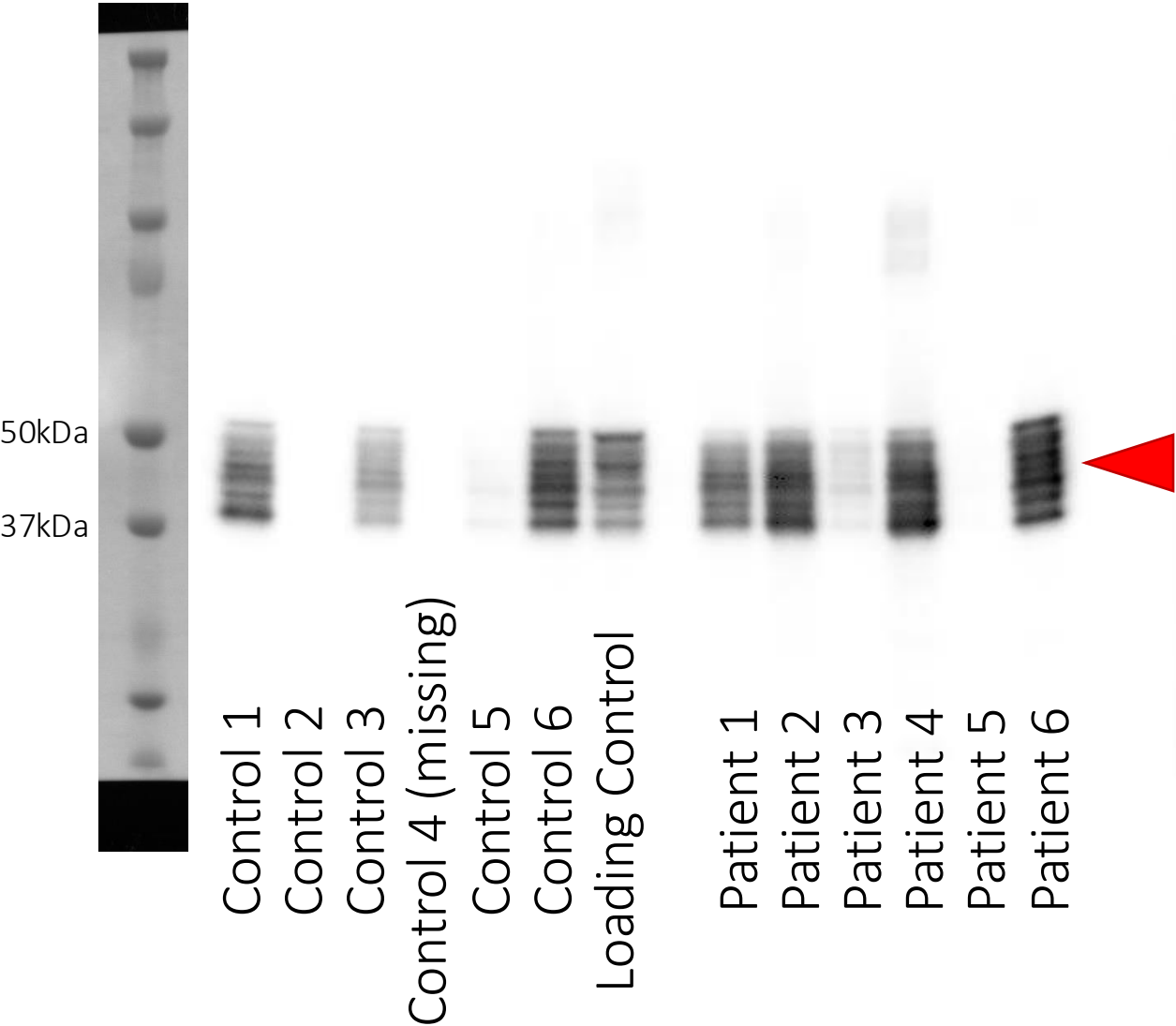
Total Protein (same membrane)



Midbrain SN batch 1: 1-6

anti-GFAP

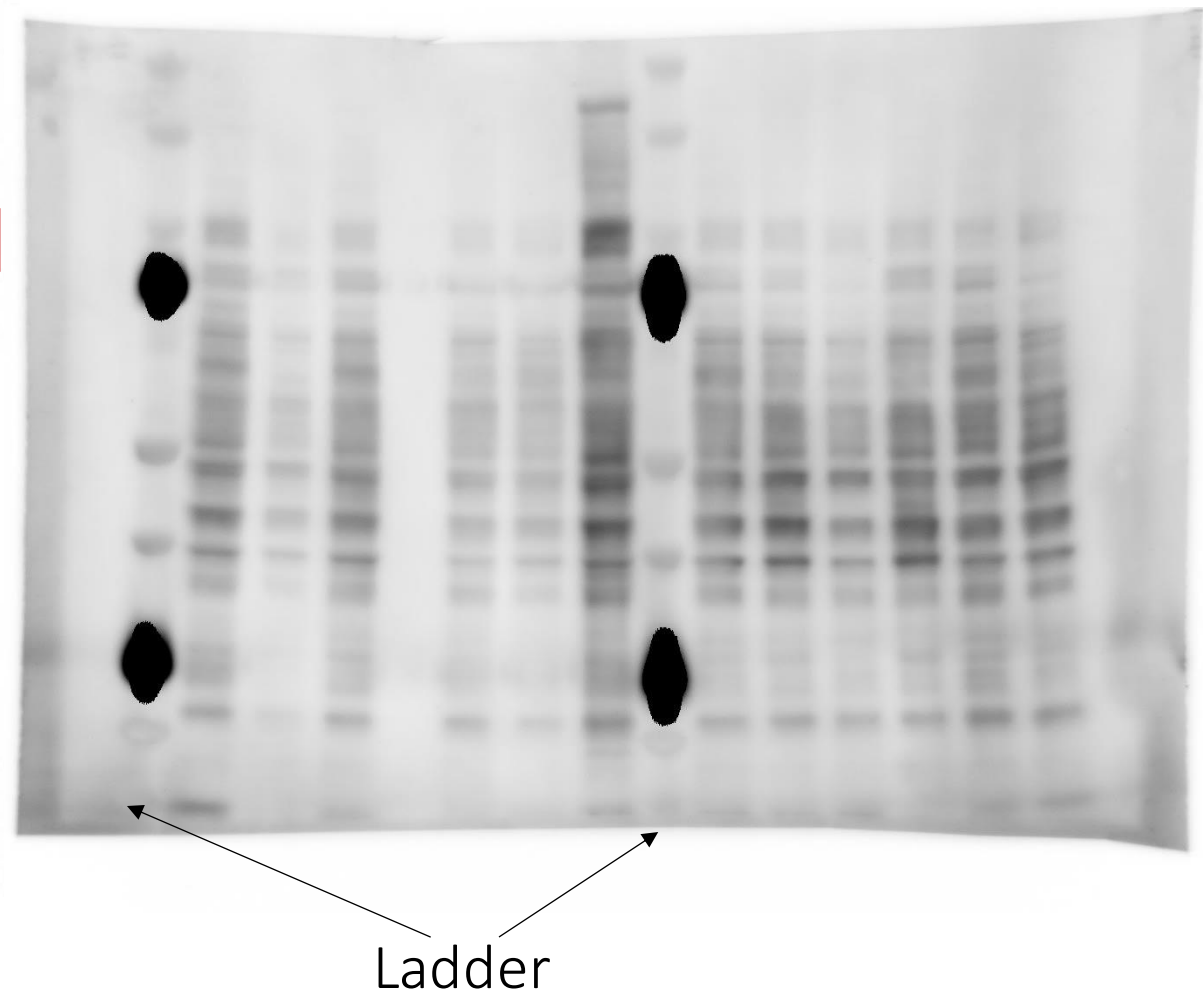
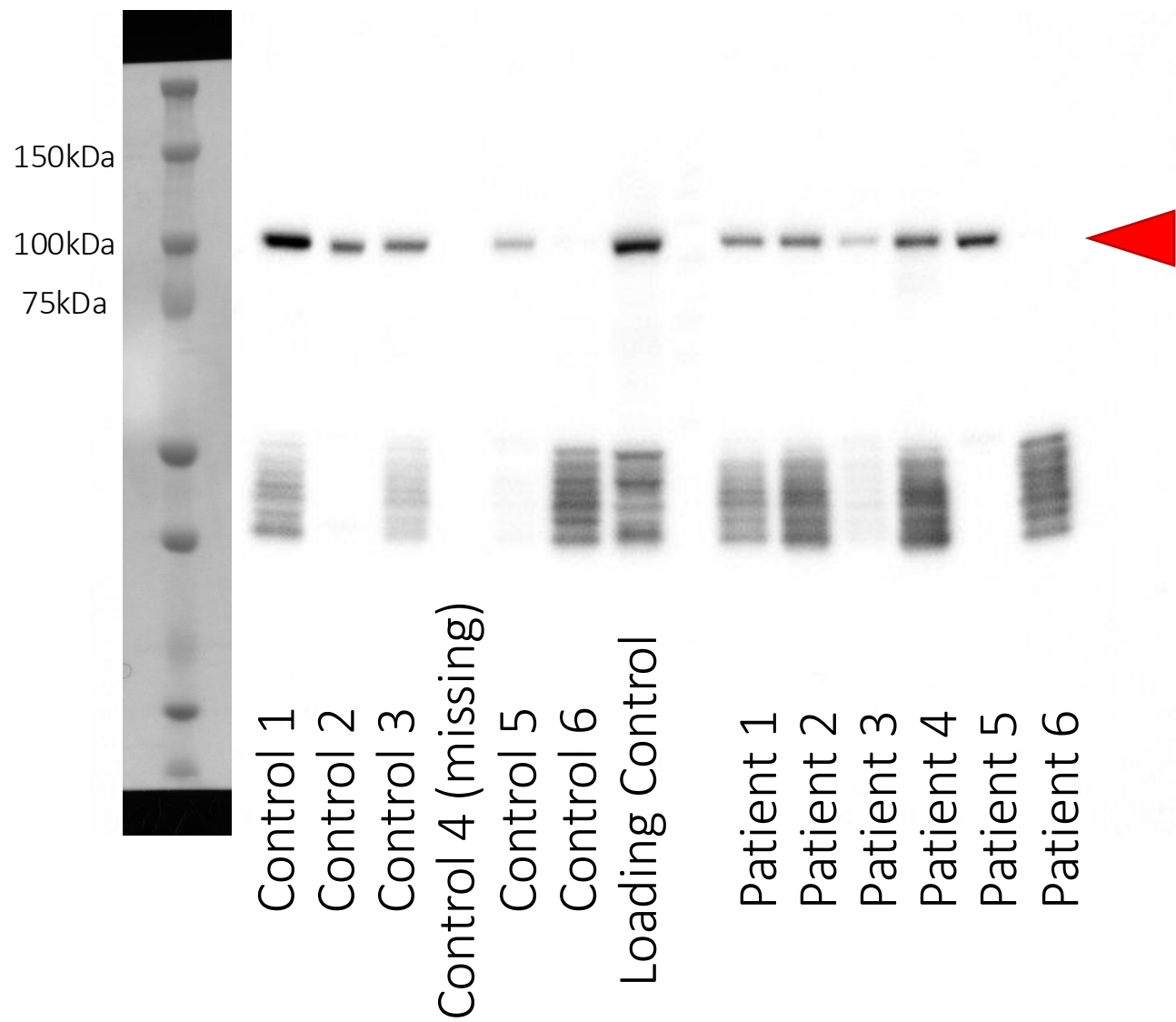
Total Protein (same membrane)



Midbrain SN batch 1: 1-6

anti-Aldh1L1

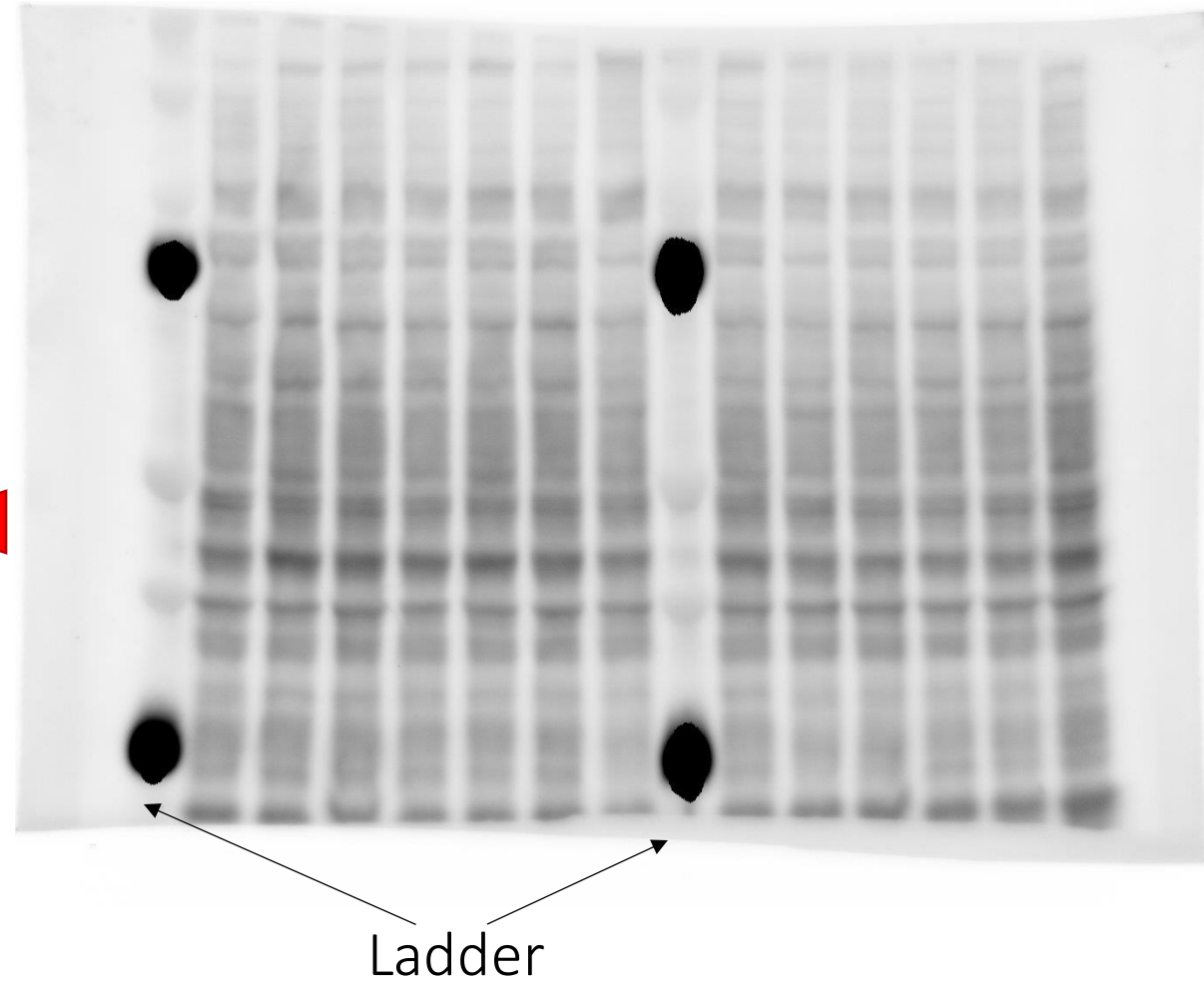
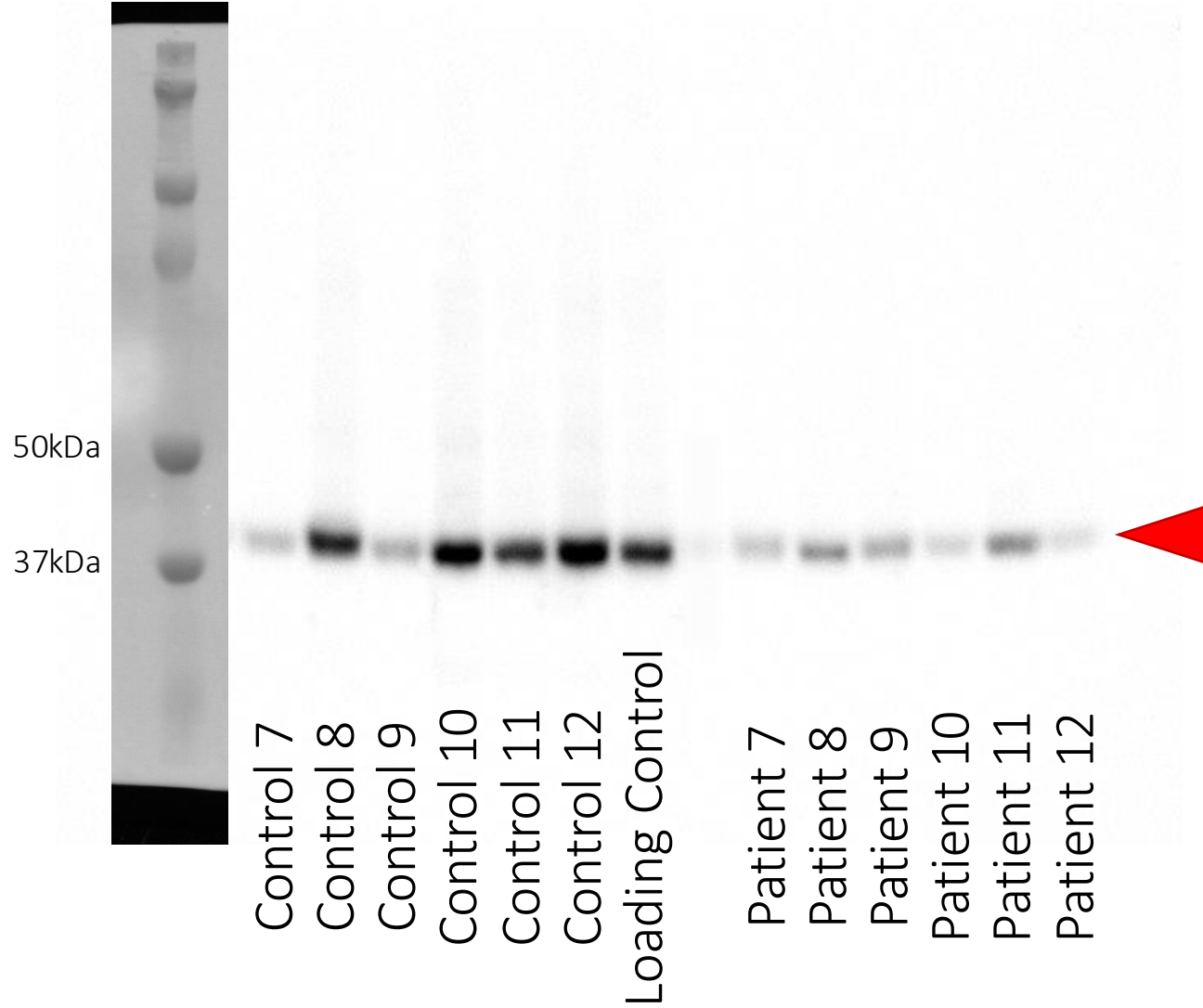
Total Protein (same membrane)



Parietal cortex batch 2: 7-12

anti-Cx43

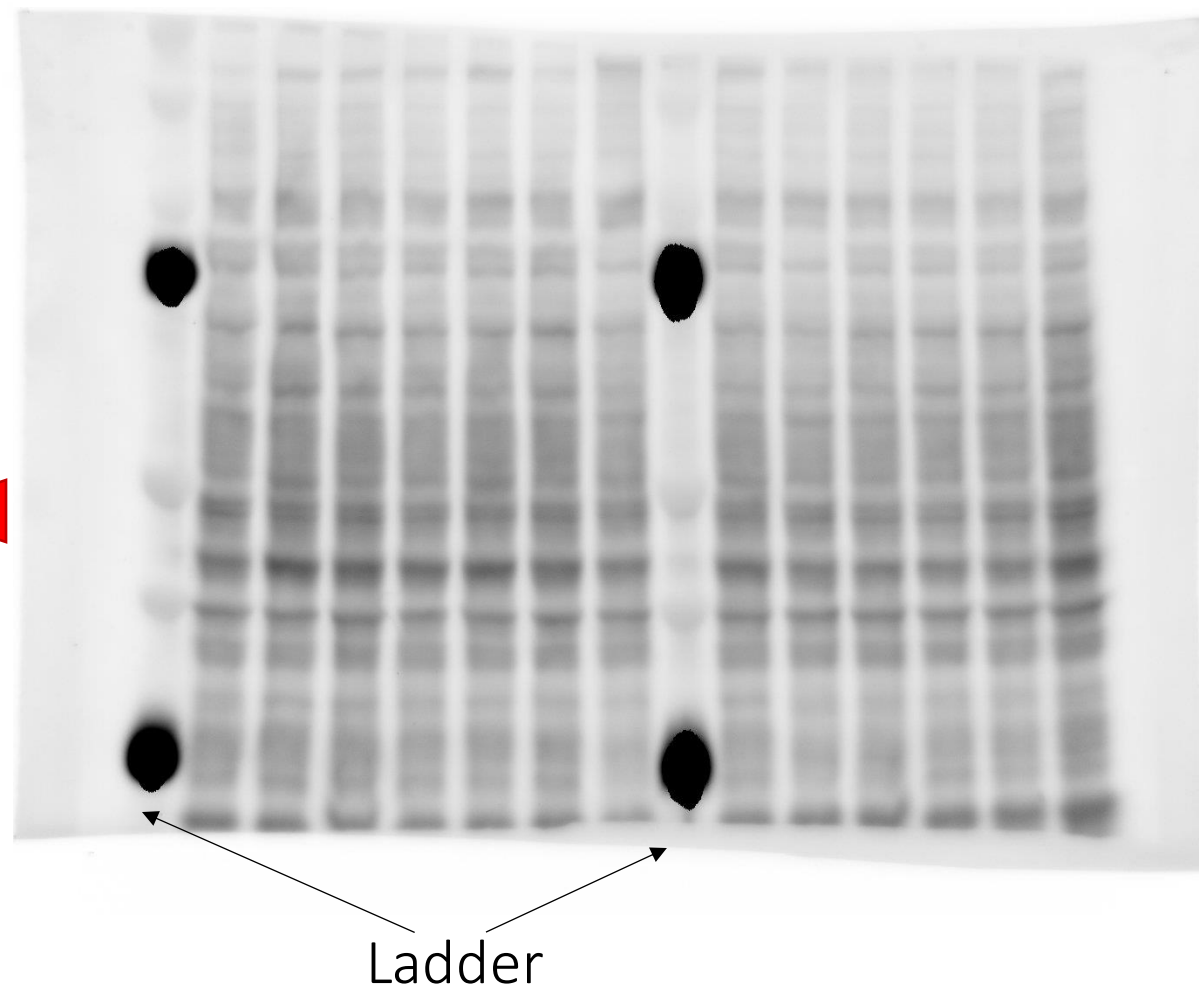
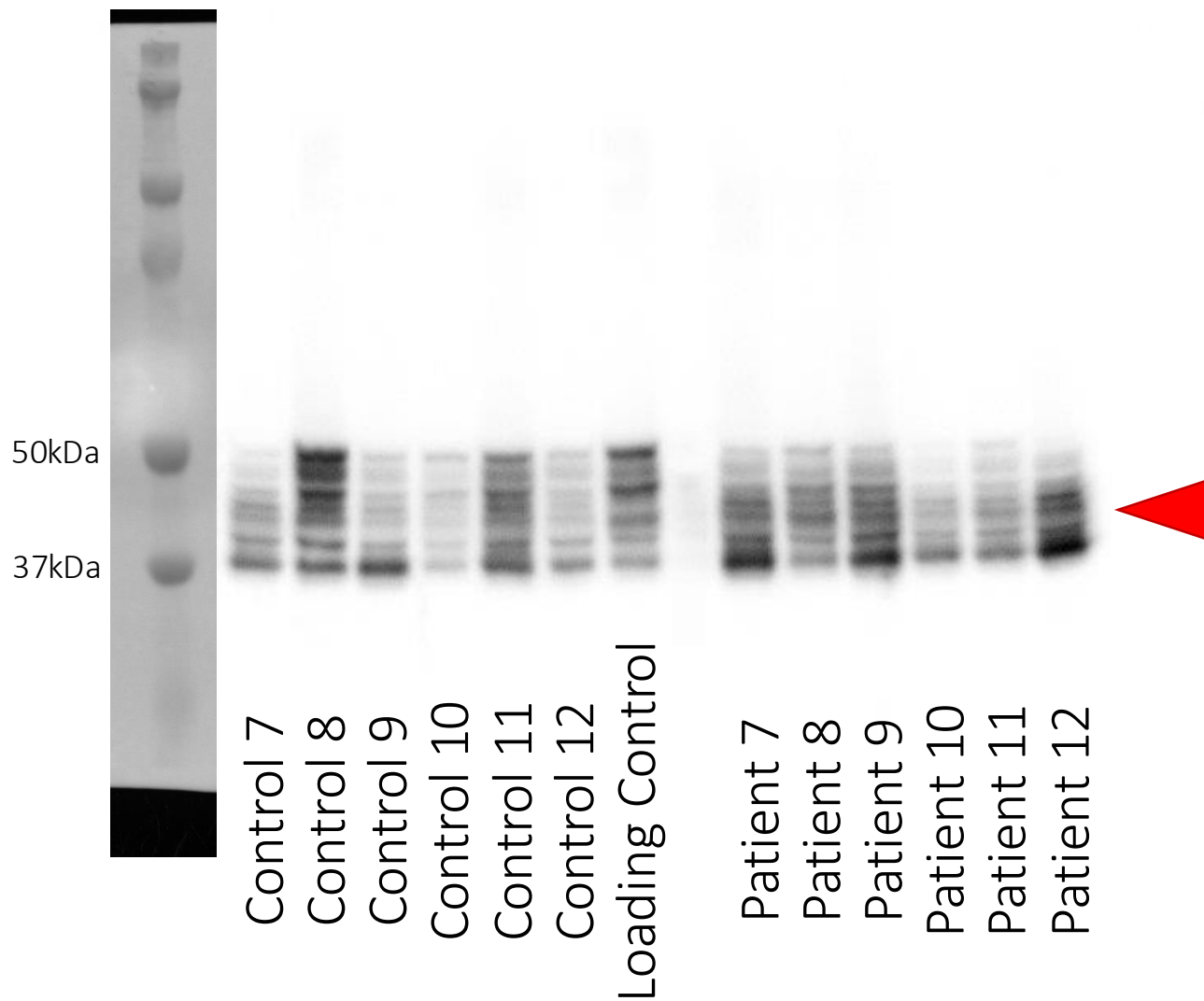
Total Protein (same membrane)



Parietal cortex batch 2: 7-12

anti-GFAP

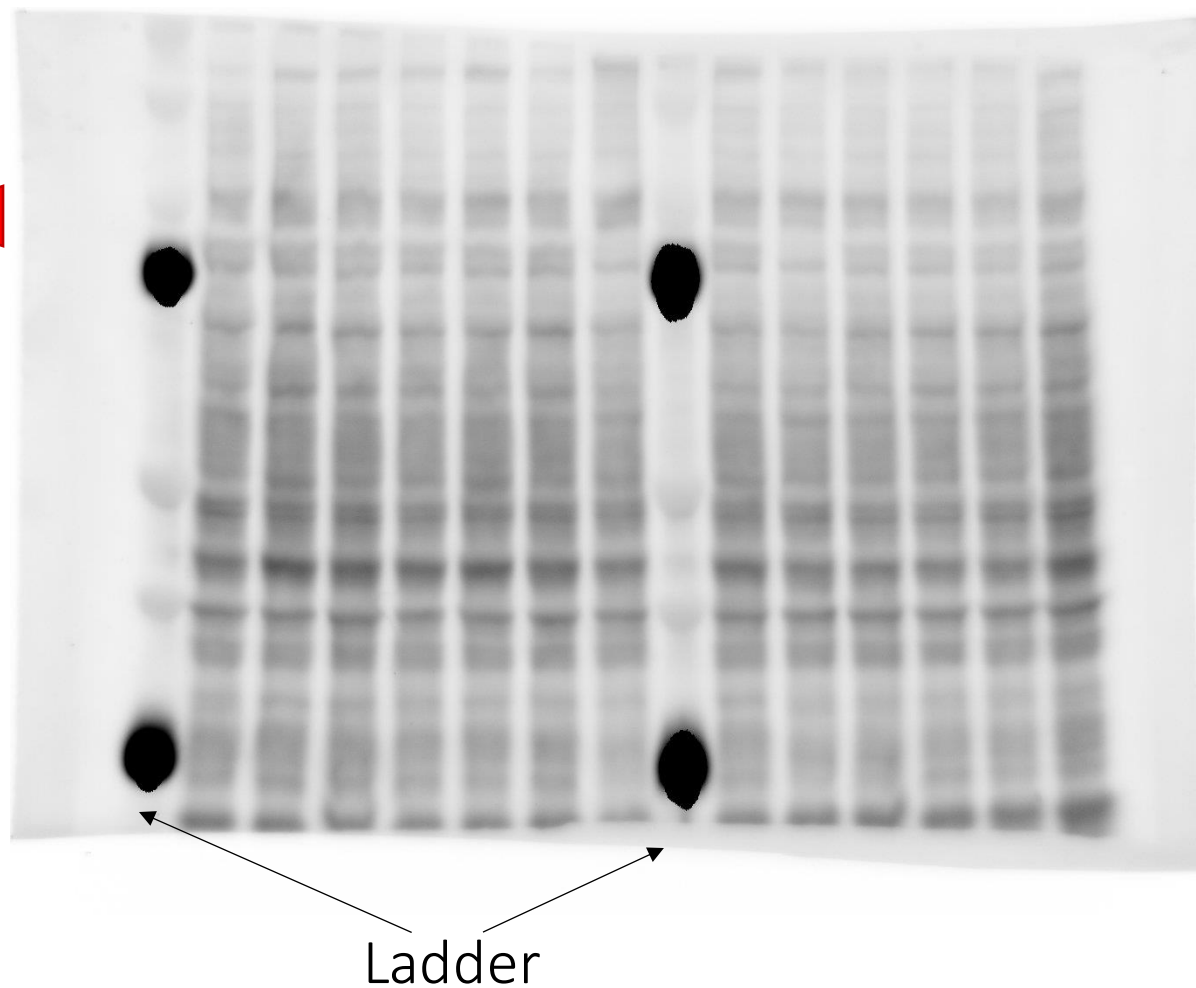
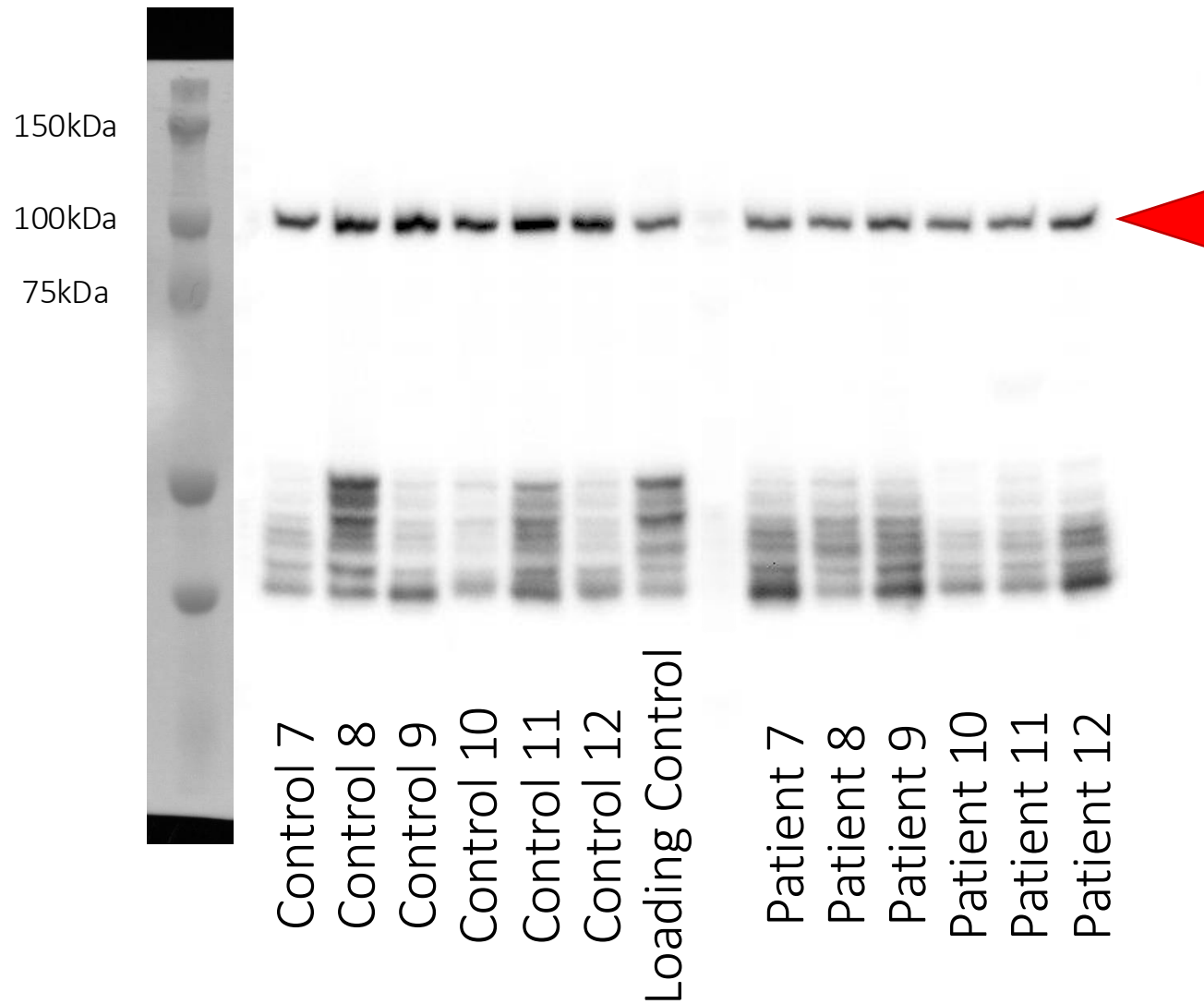
Total Protein (same membrane)



Parietal cortex batch 2: 7-12

anti-Aldh1L1

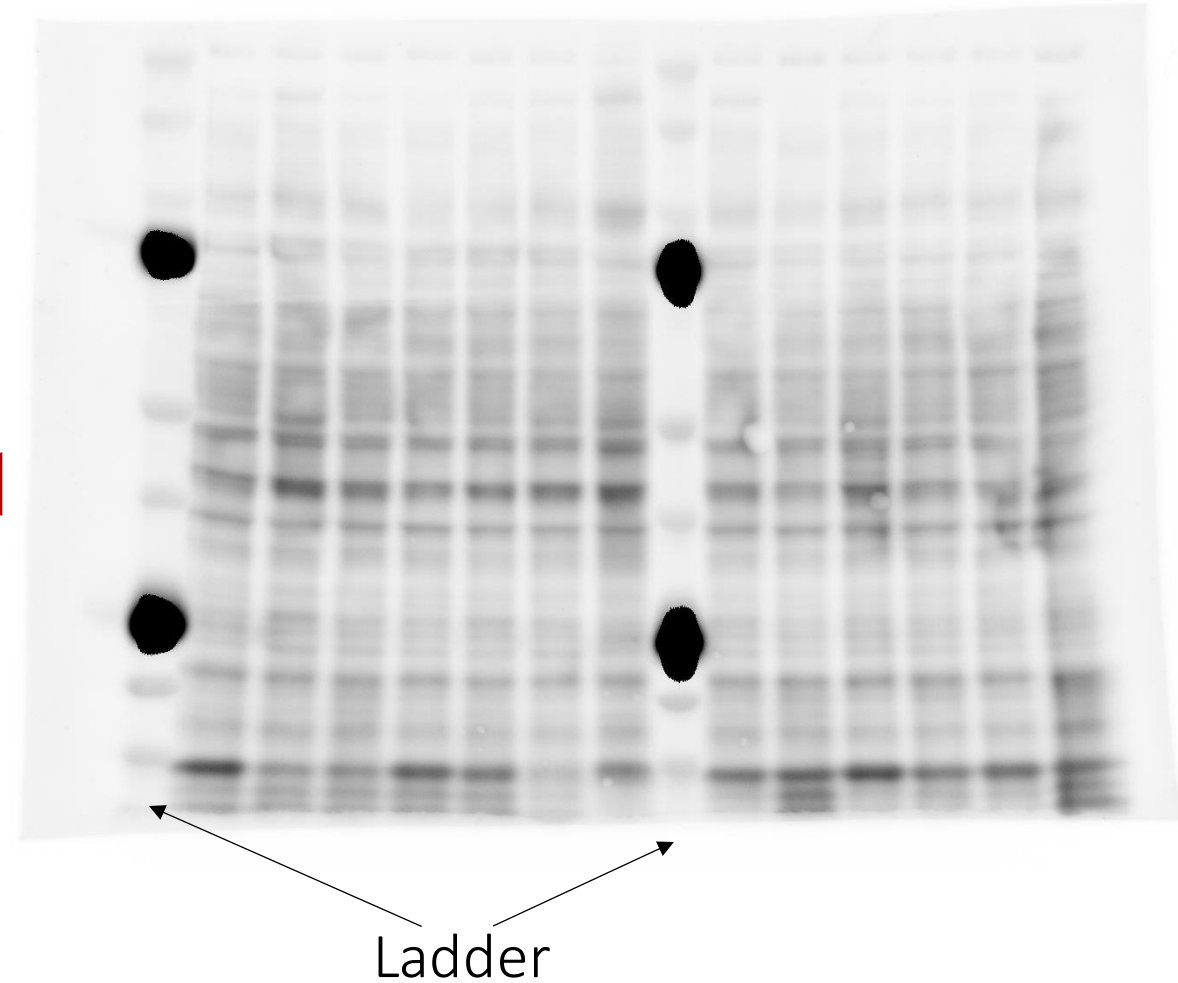
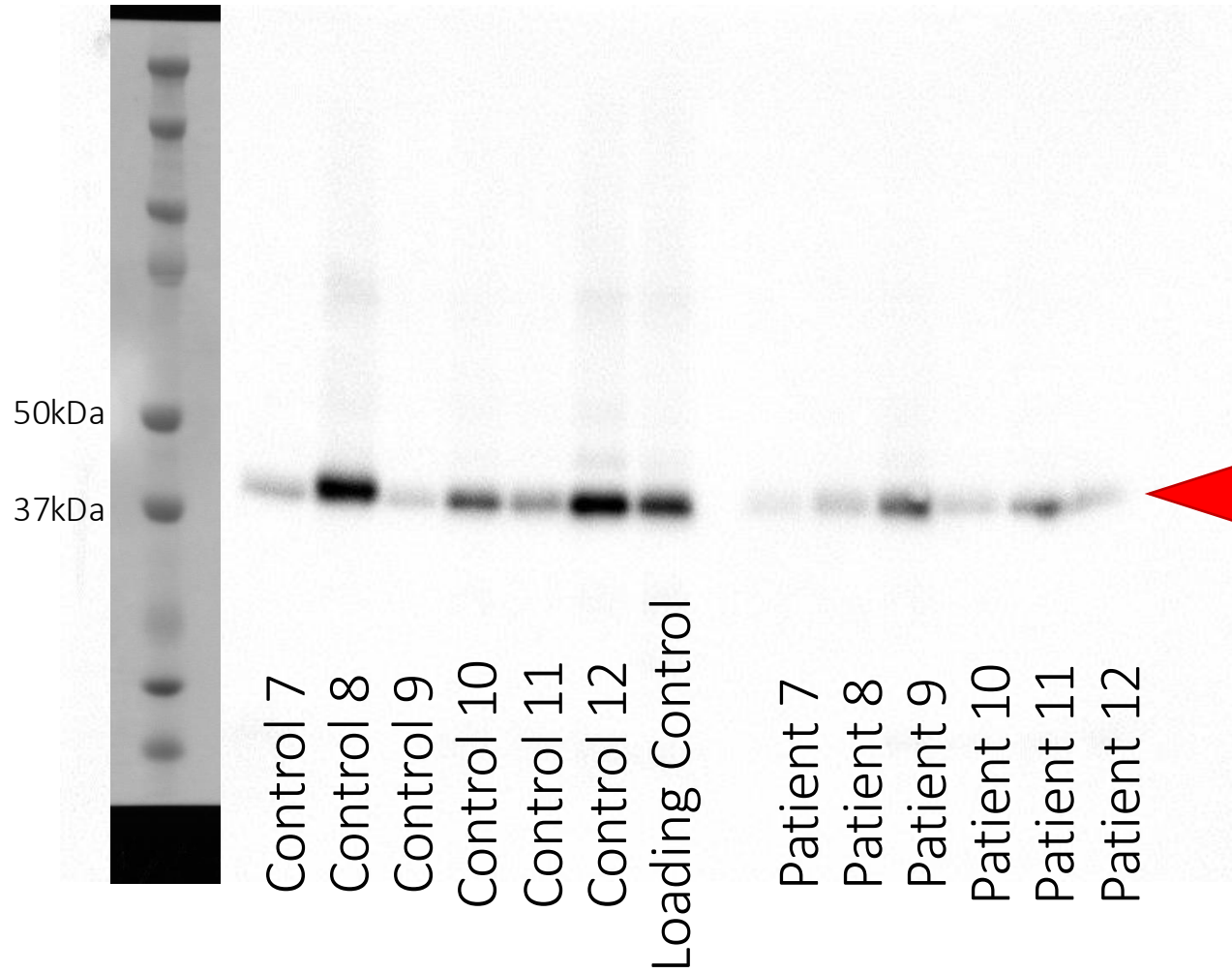
Total Protein (same membrane)



Striatum batch 2: 7-12

anti-Cx43

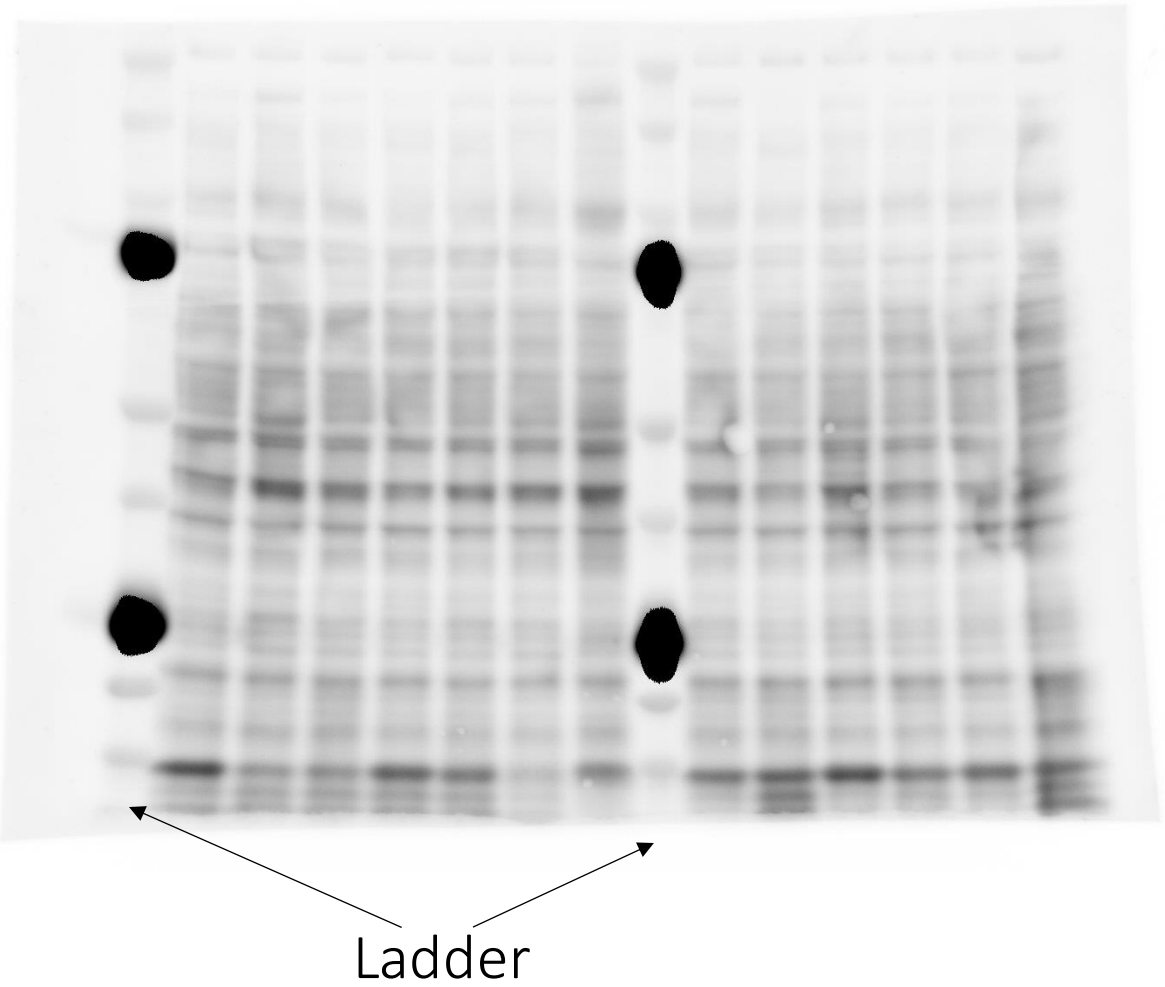
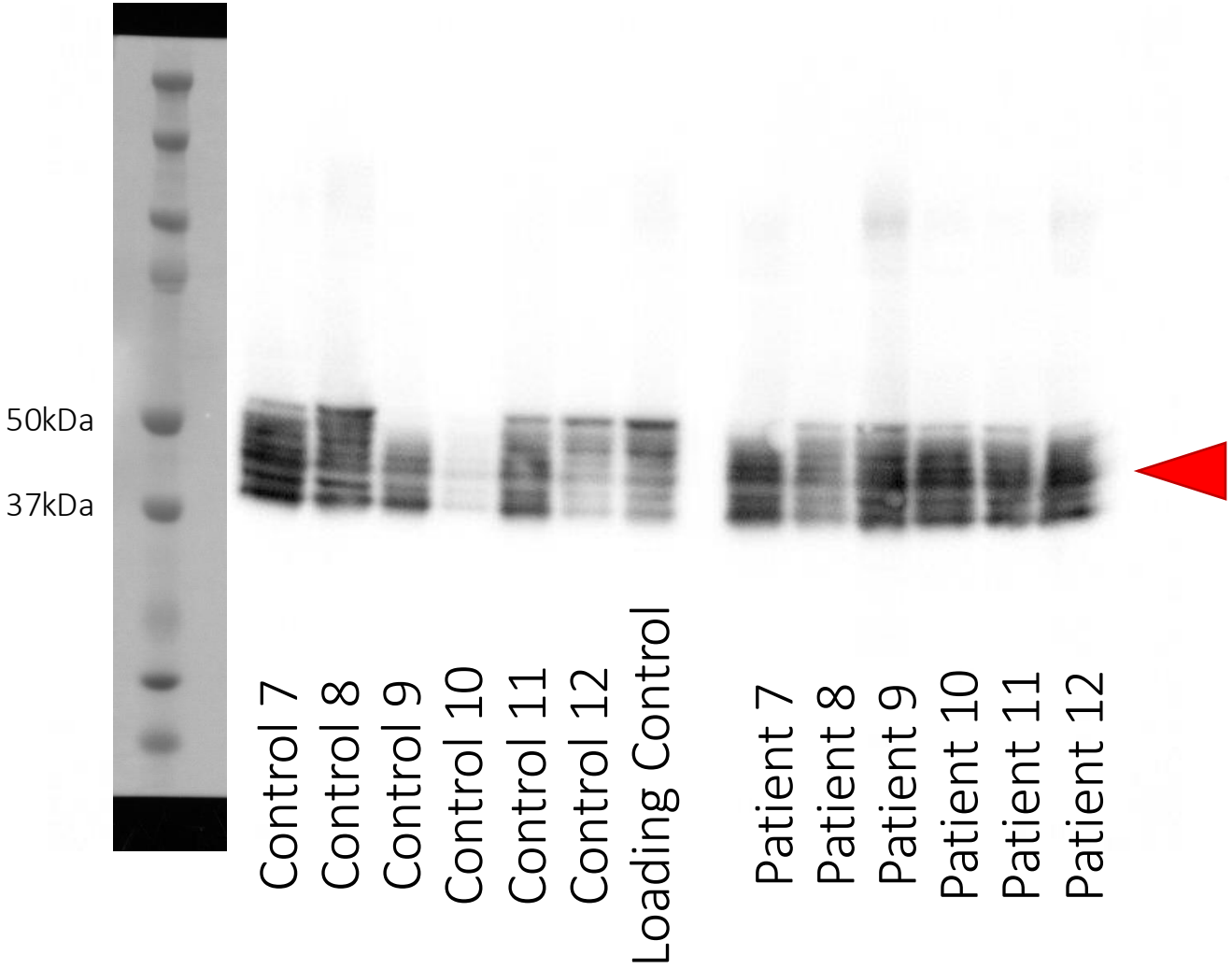
Total Protein (same membrane)



Striatum batch 2: 7-12

anti-GFAP

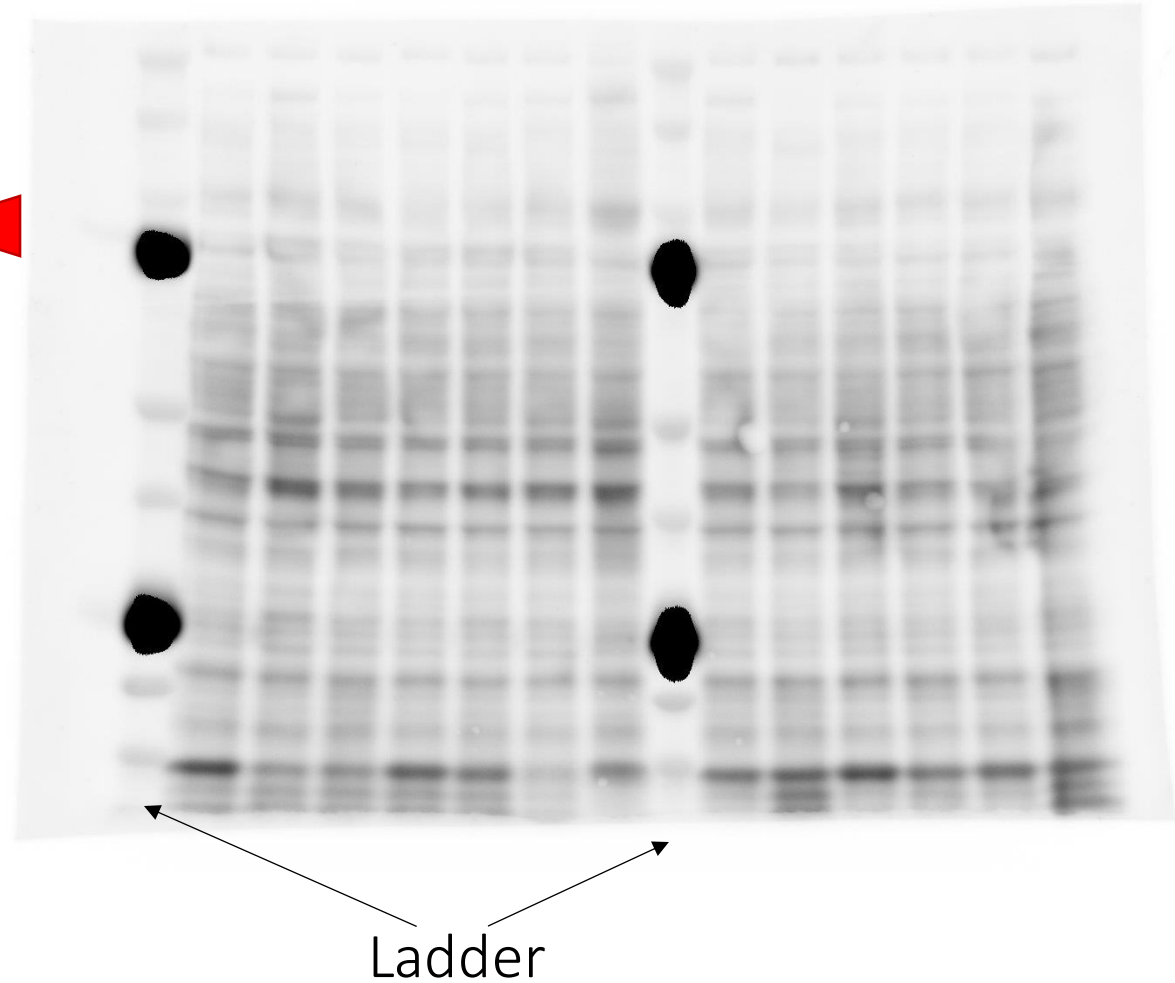
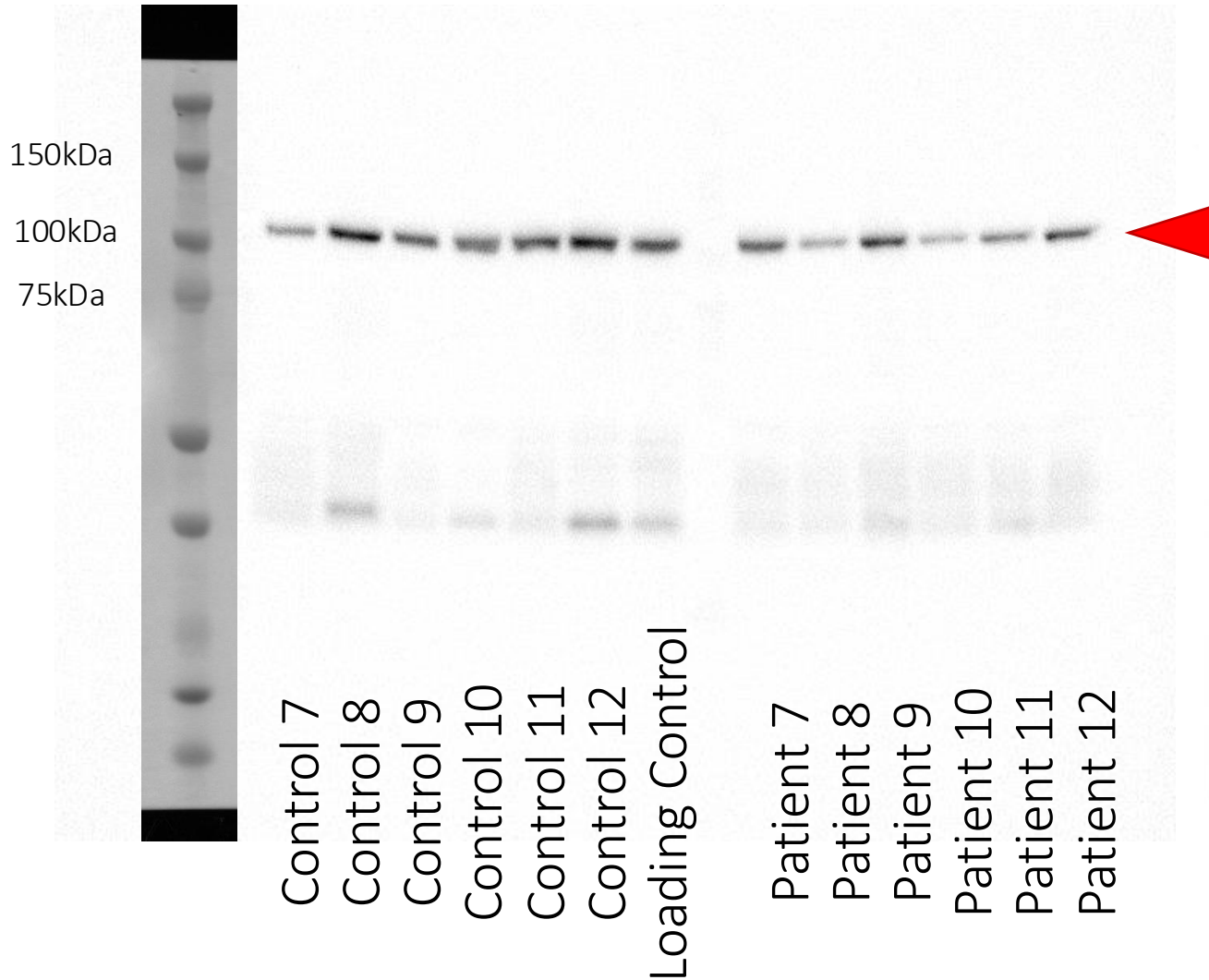
Total Protein (same membrane)



Striatum batch 2: 7-12

anti-Aldh1L1

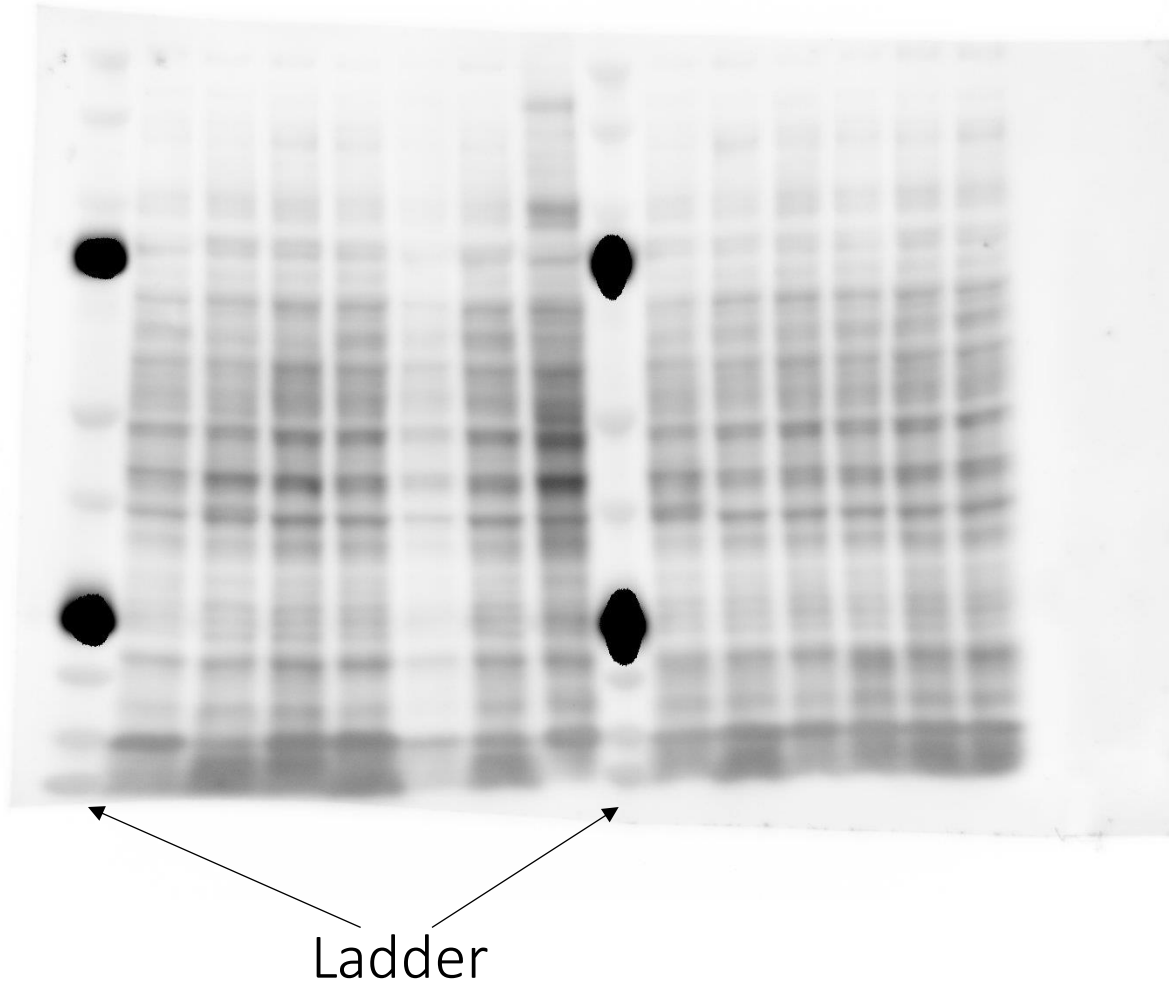
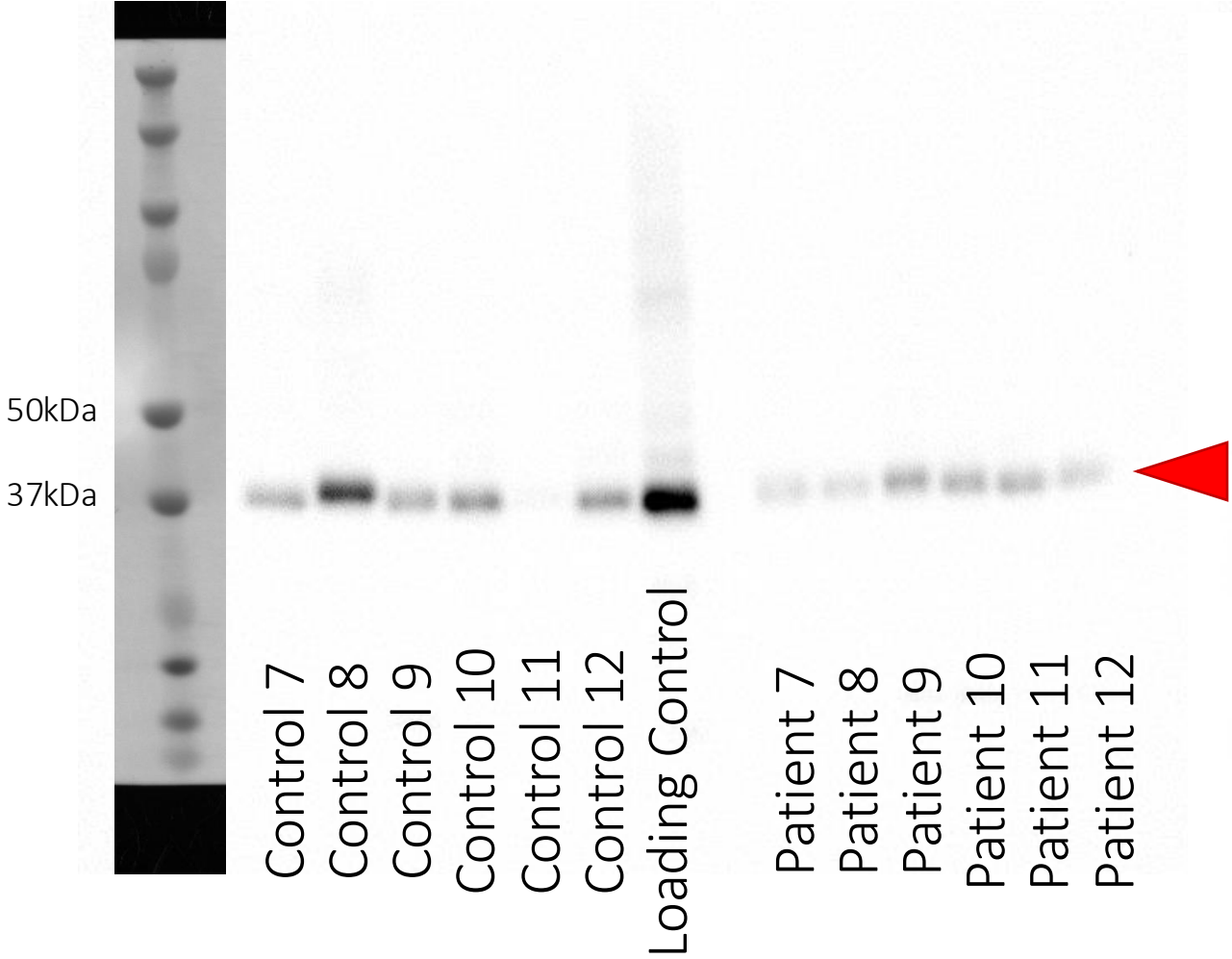
Total Protein (same membrane)



Midbrain SN batch 2: 7-12

anti-Cx43

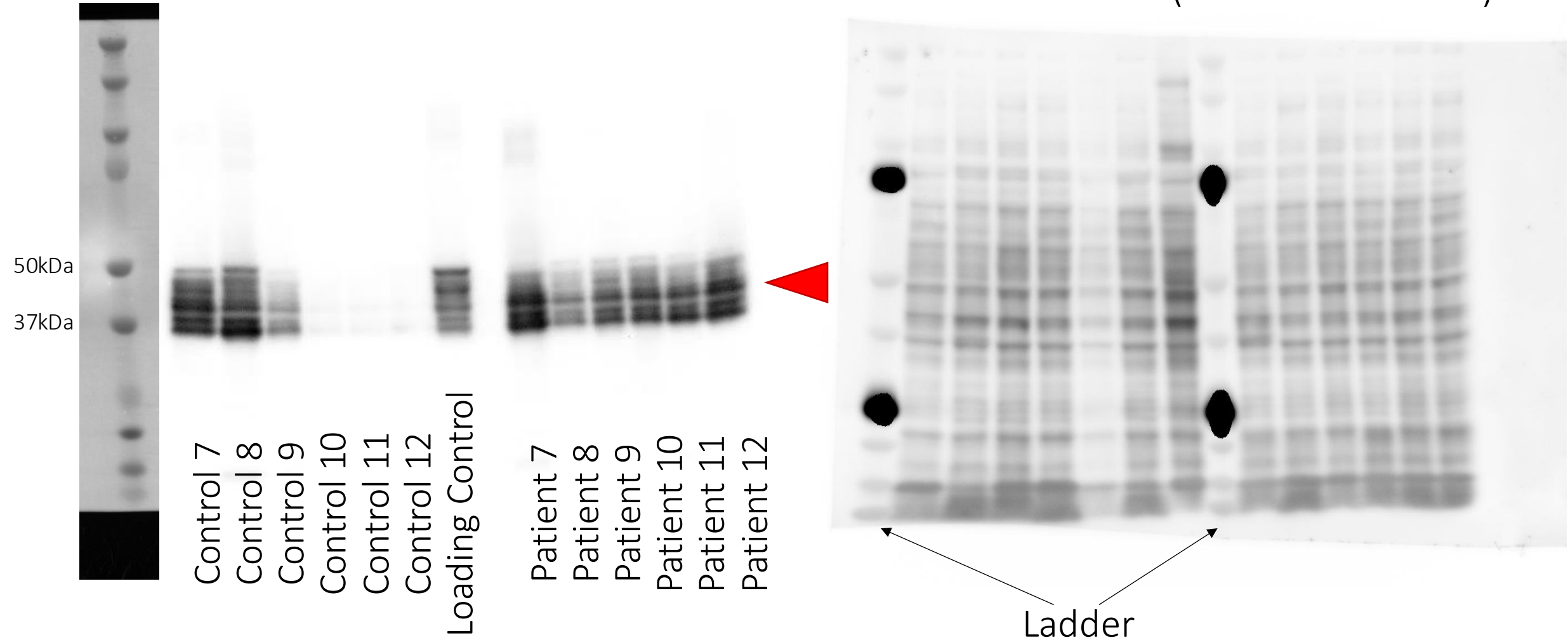
Total Protein (same membrane)



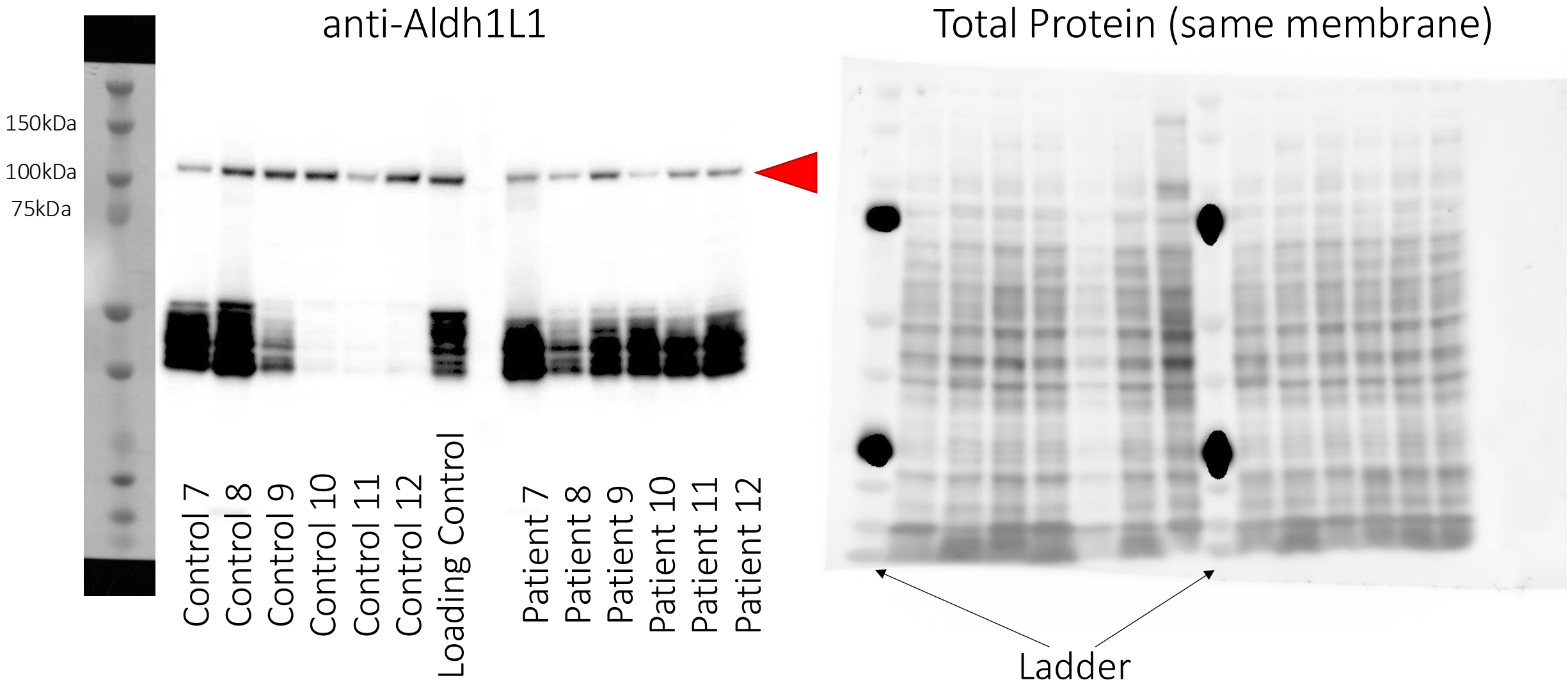
Midbrain SN batch 2: 7-12

anti-GFAP

Total Protein (same membrane)



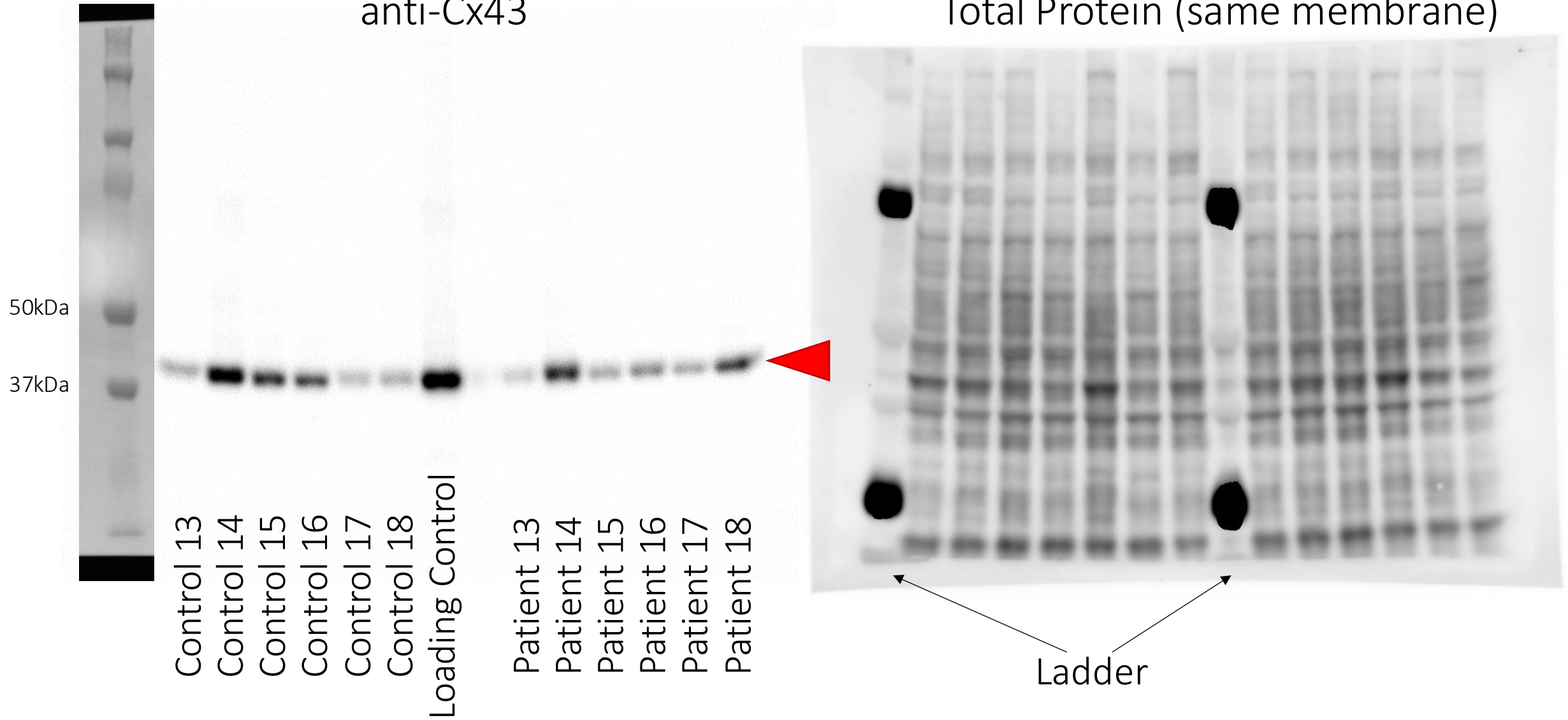
Midbrain SN batch 2: 7-12



Parietal cortex batch 3: 13-18

anti-Cx43

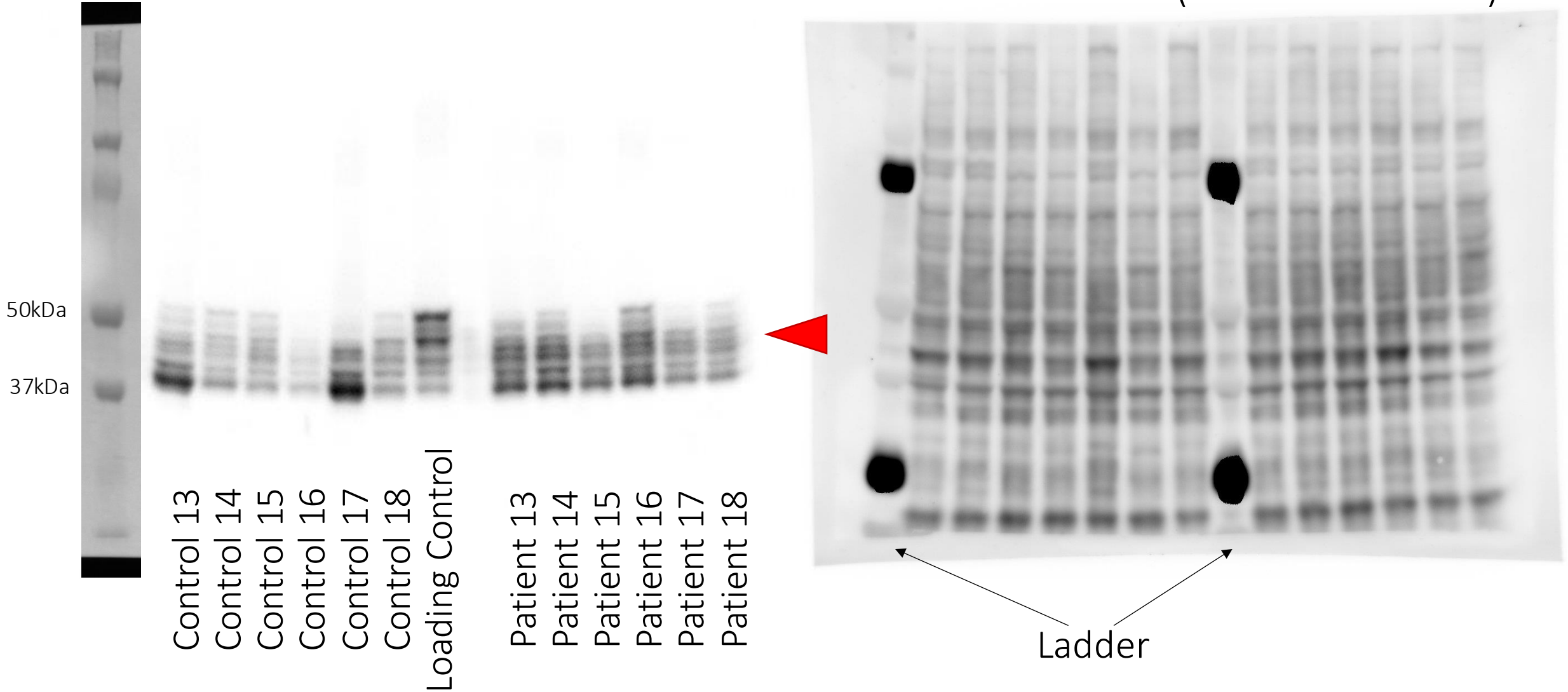
Total Protein (same membrane)



Parietal cortex batch 3: 13-18

anti-GFAP

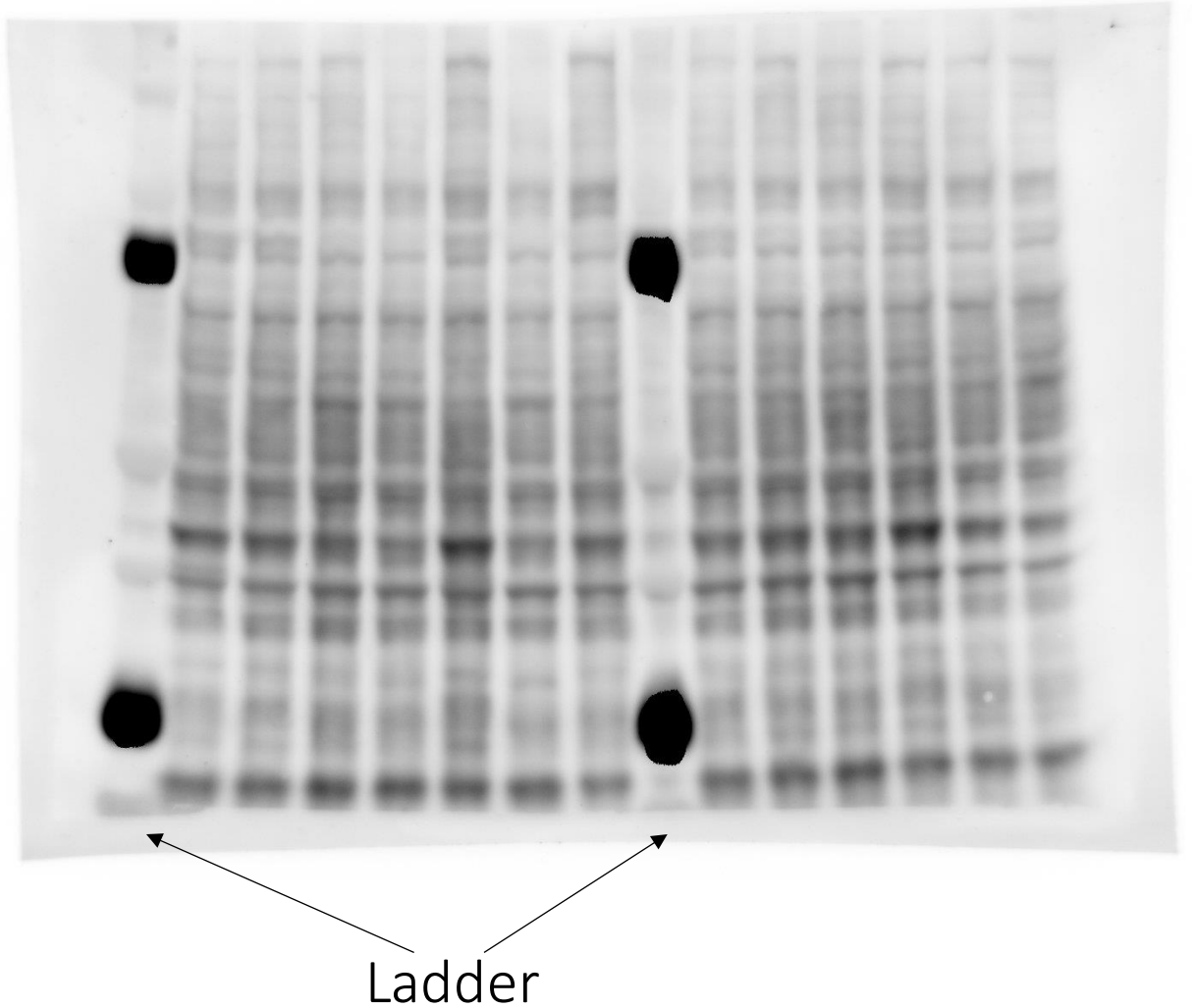
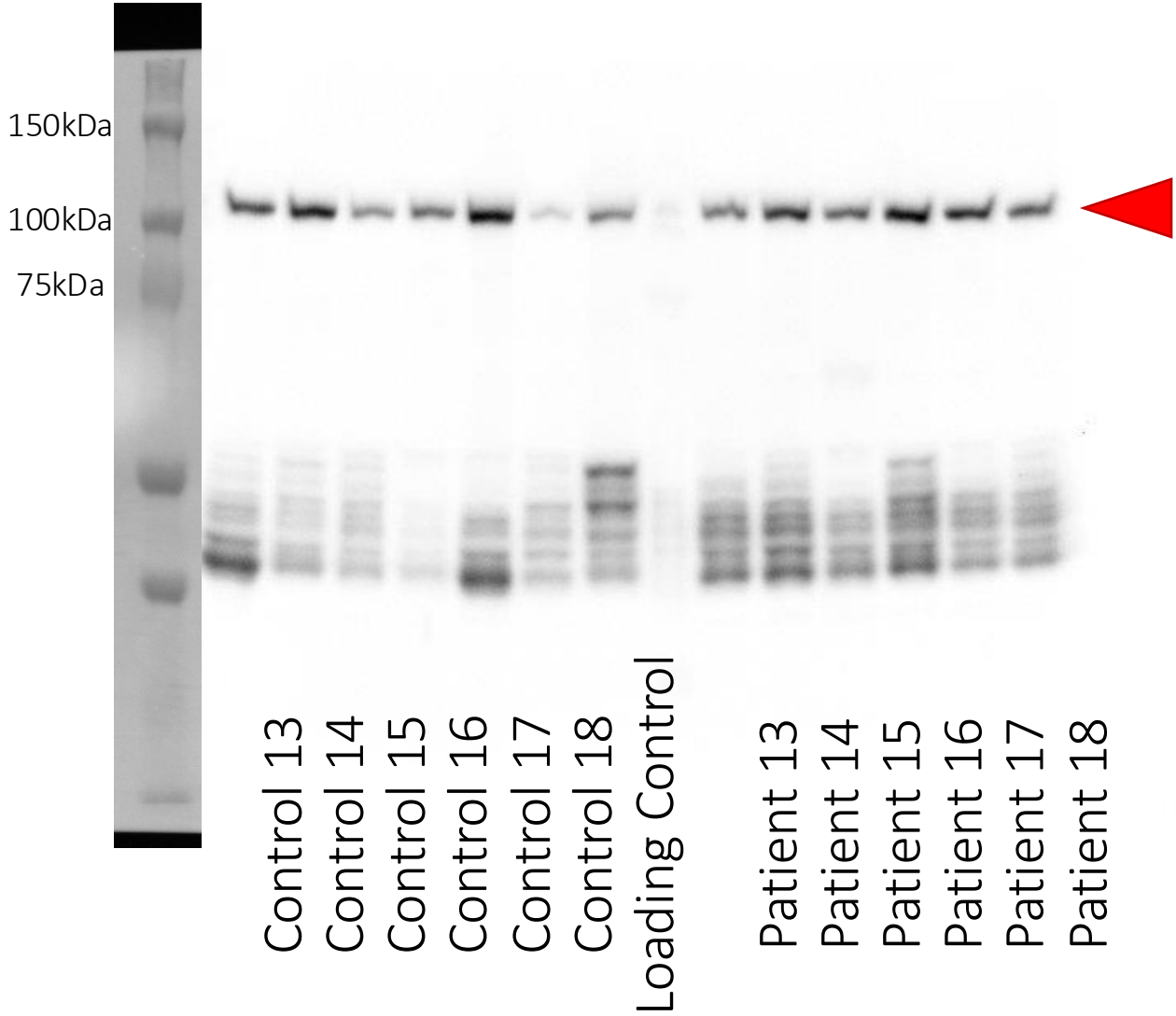
Total Protein (same membrane)



Parietal cortex batch 3: 13-18

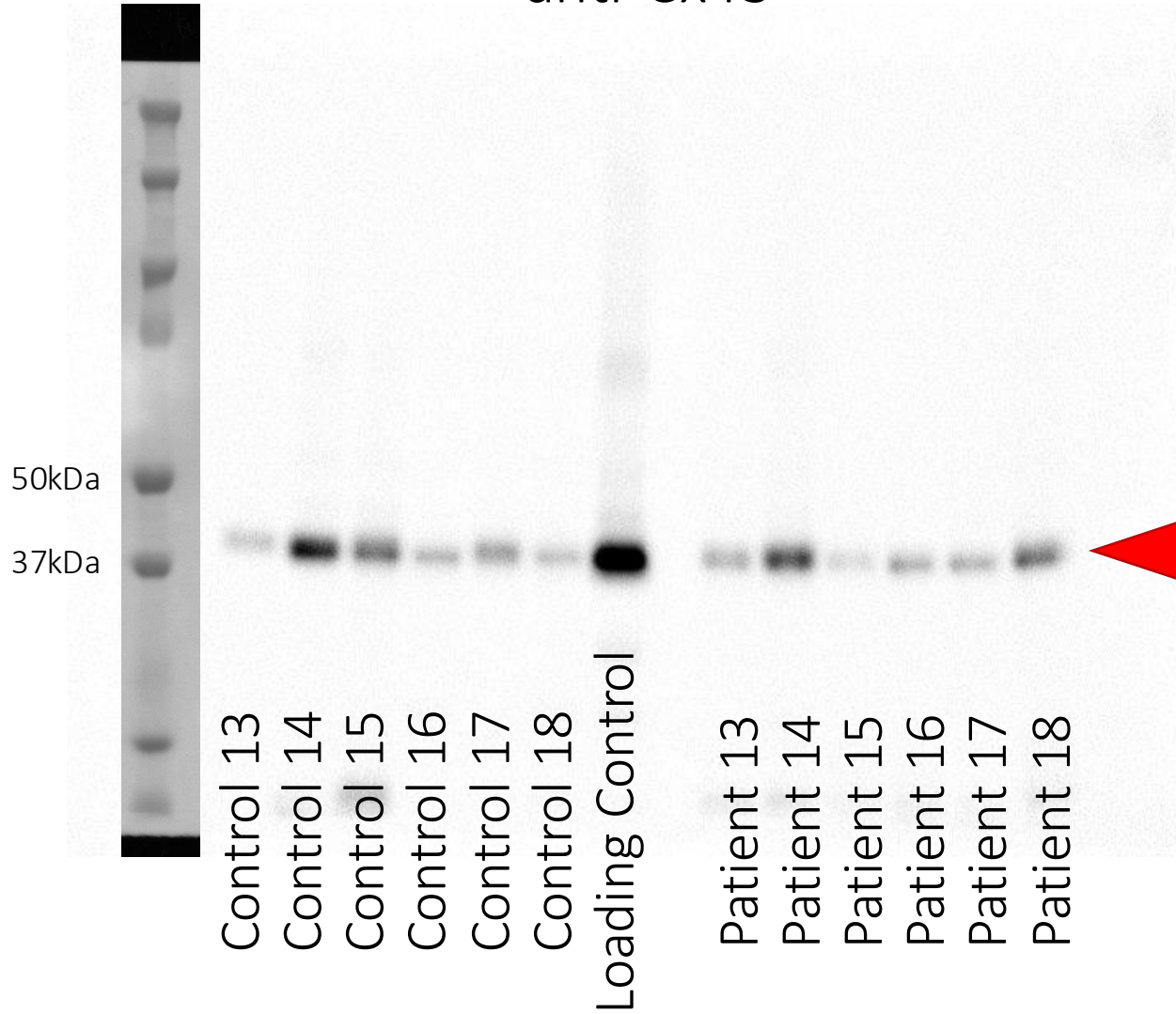
Anti-Aldh1L1

Total Protein (same membrane)

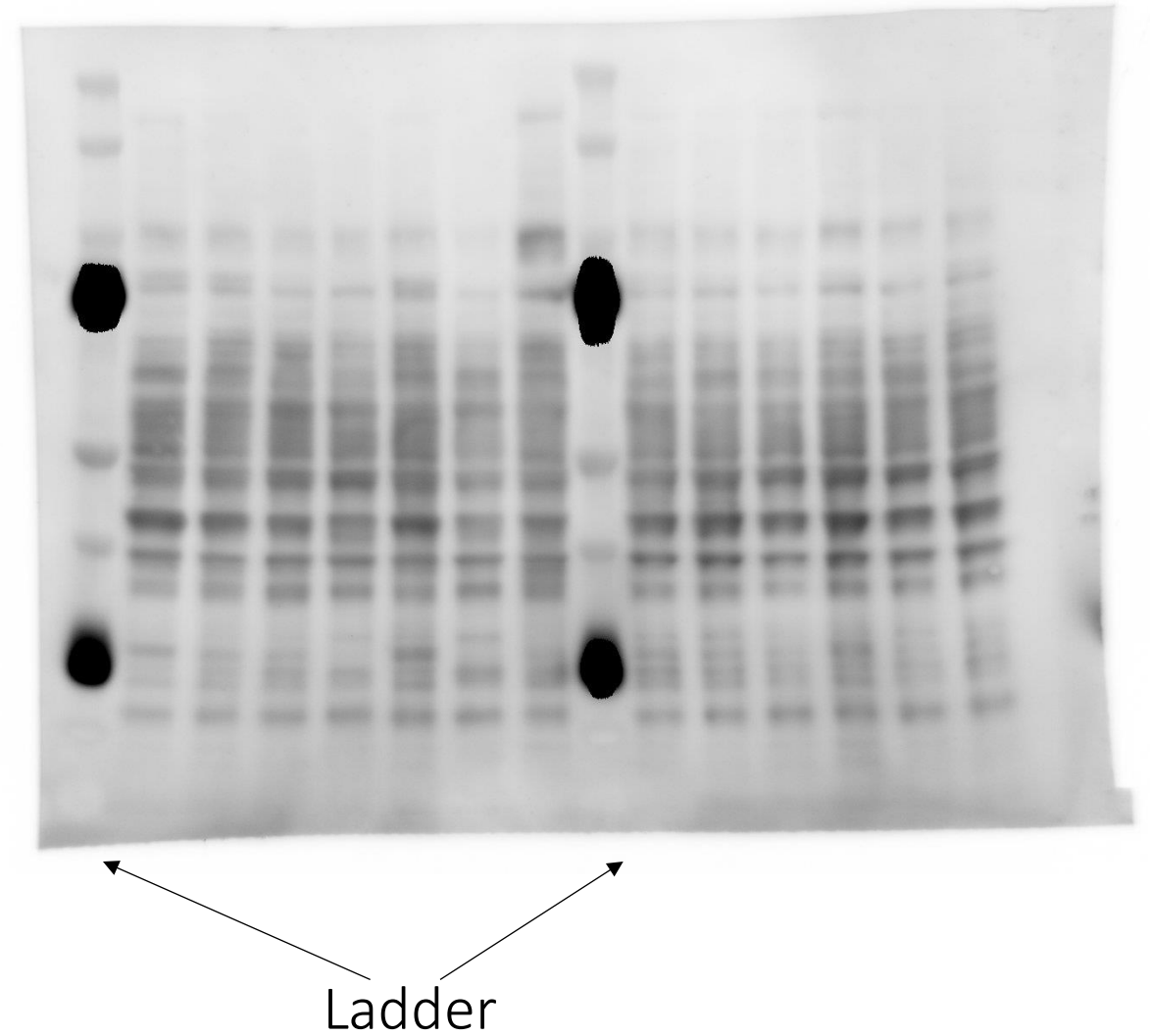


Striatum batch 3: 13-18

anti-Cx43



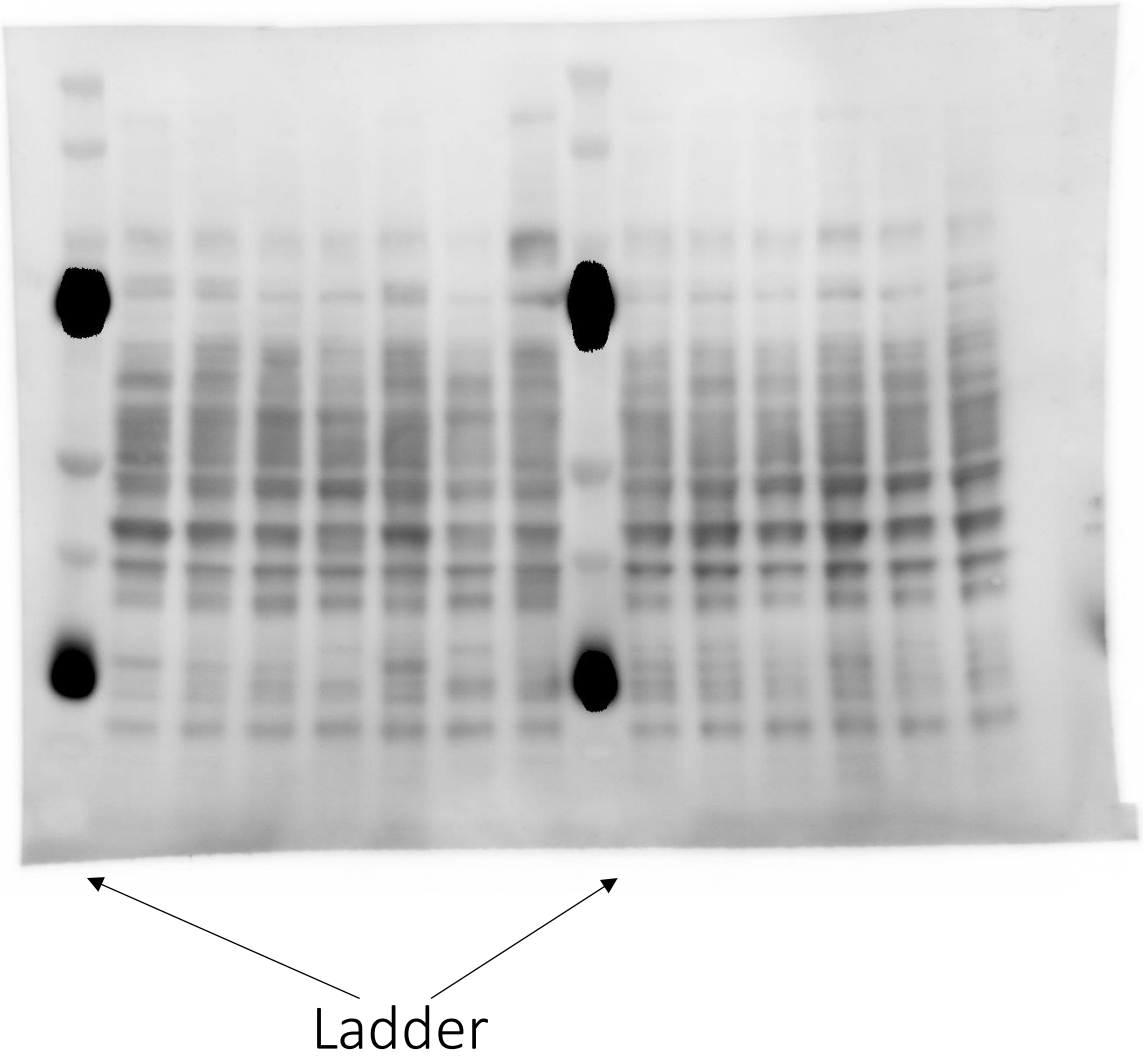
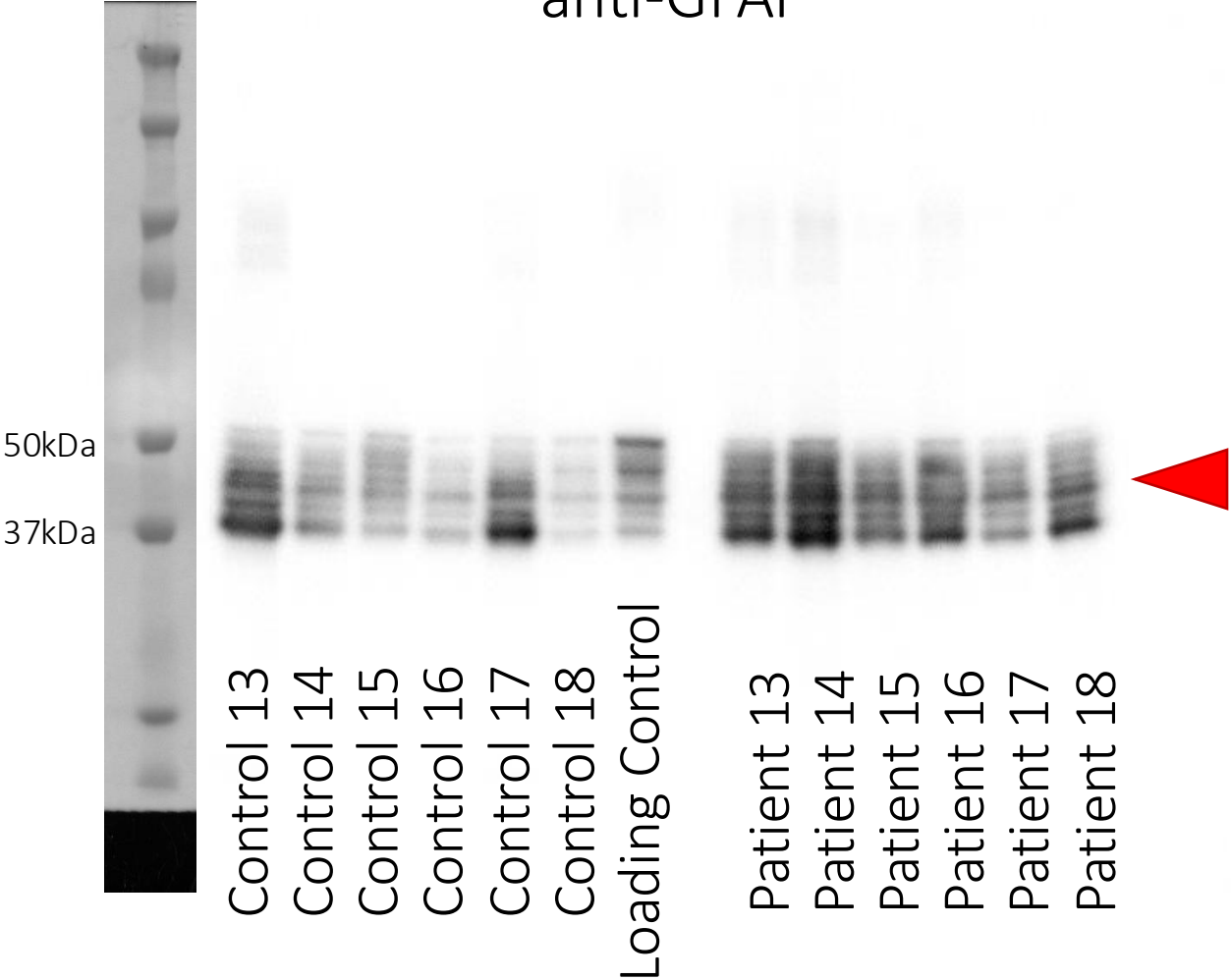
Total Protein (same membrane)



Striatum batch 3: 13-18

anti-GFAP

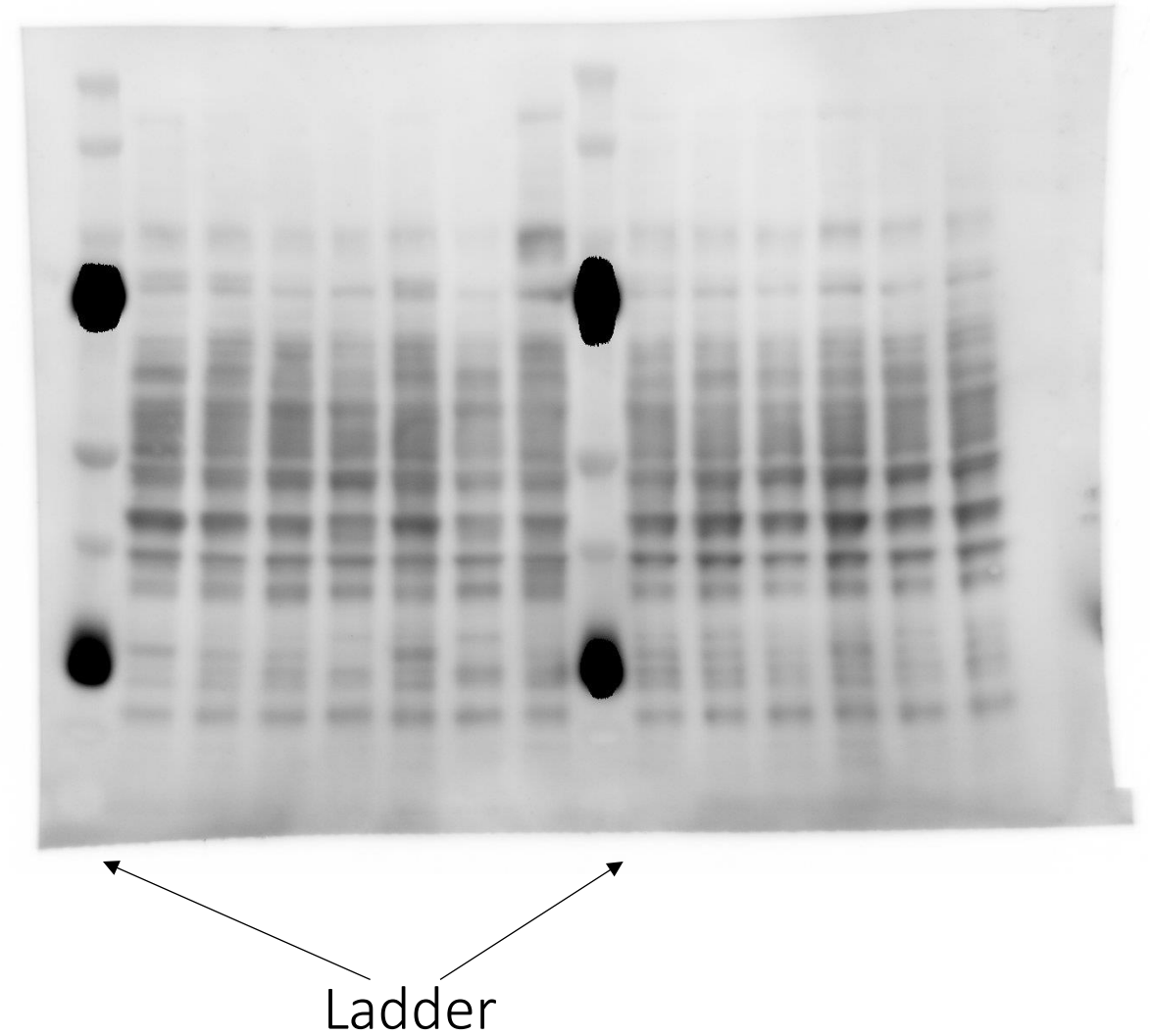
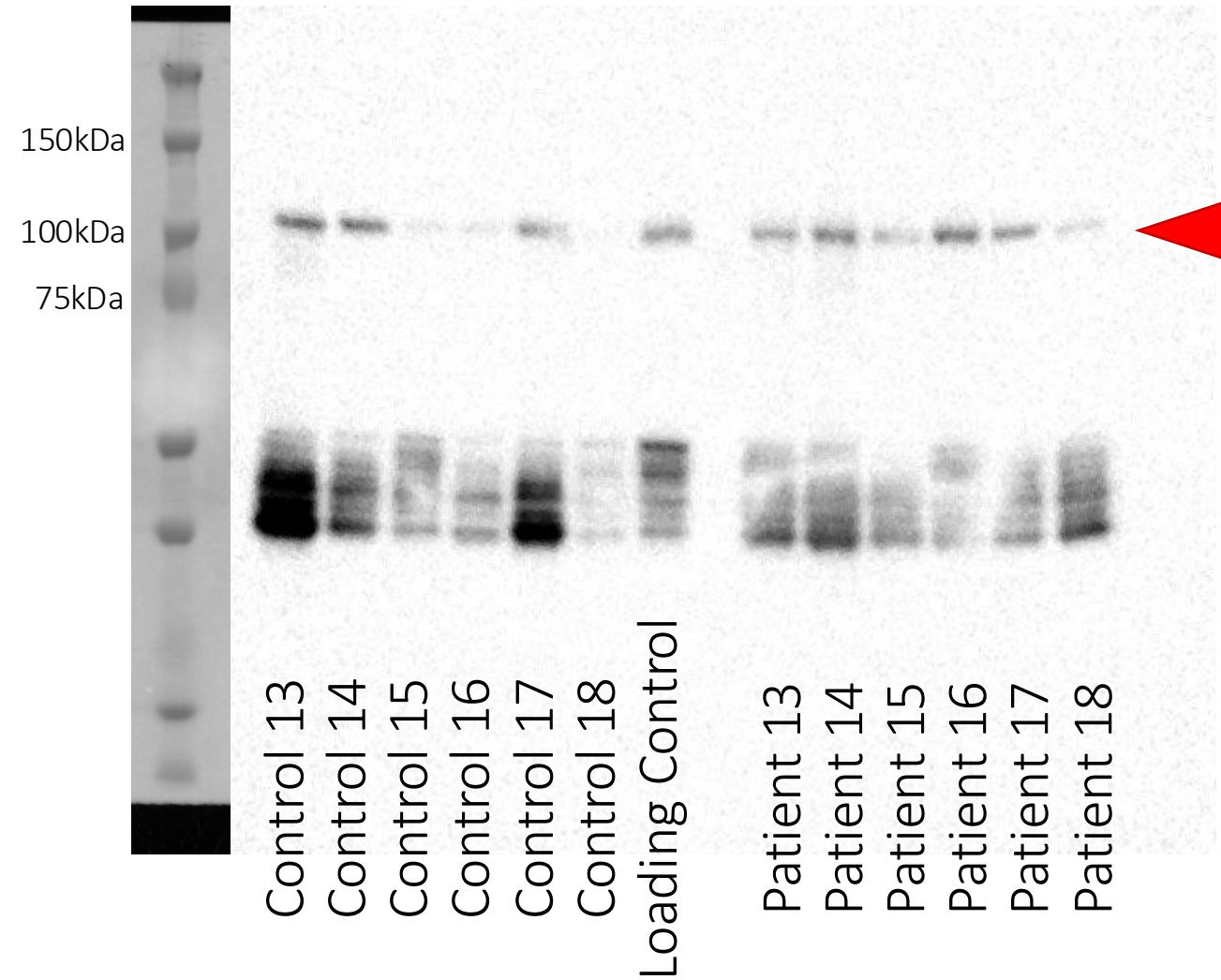
Total Protein (same membrane)



Striatum batch 3: 13-18

anti-Aldh1L1

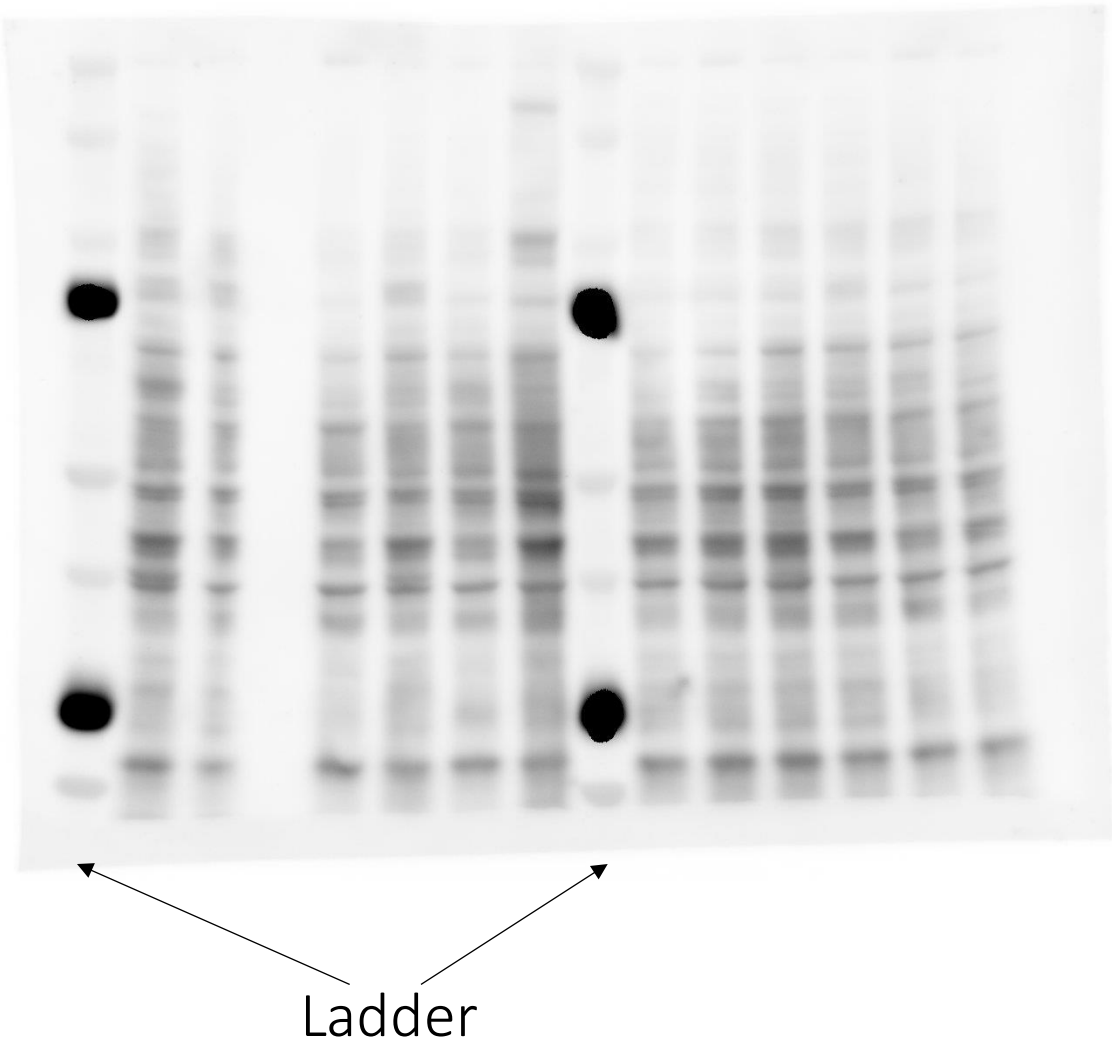
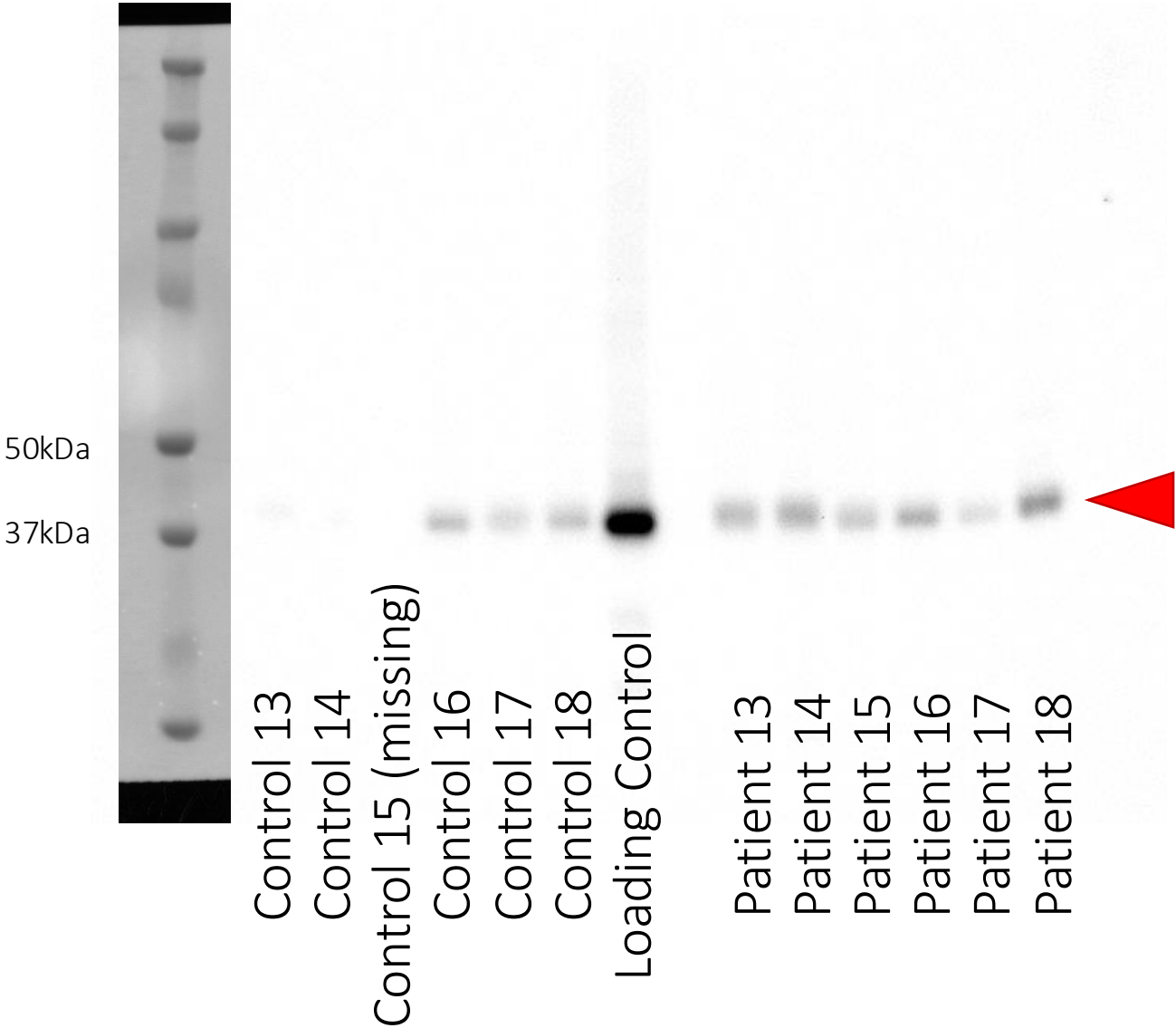
Total Protein (same membrane)



Midbrain SN batch 3: 13-18

anti-Cx43

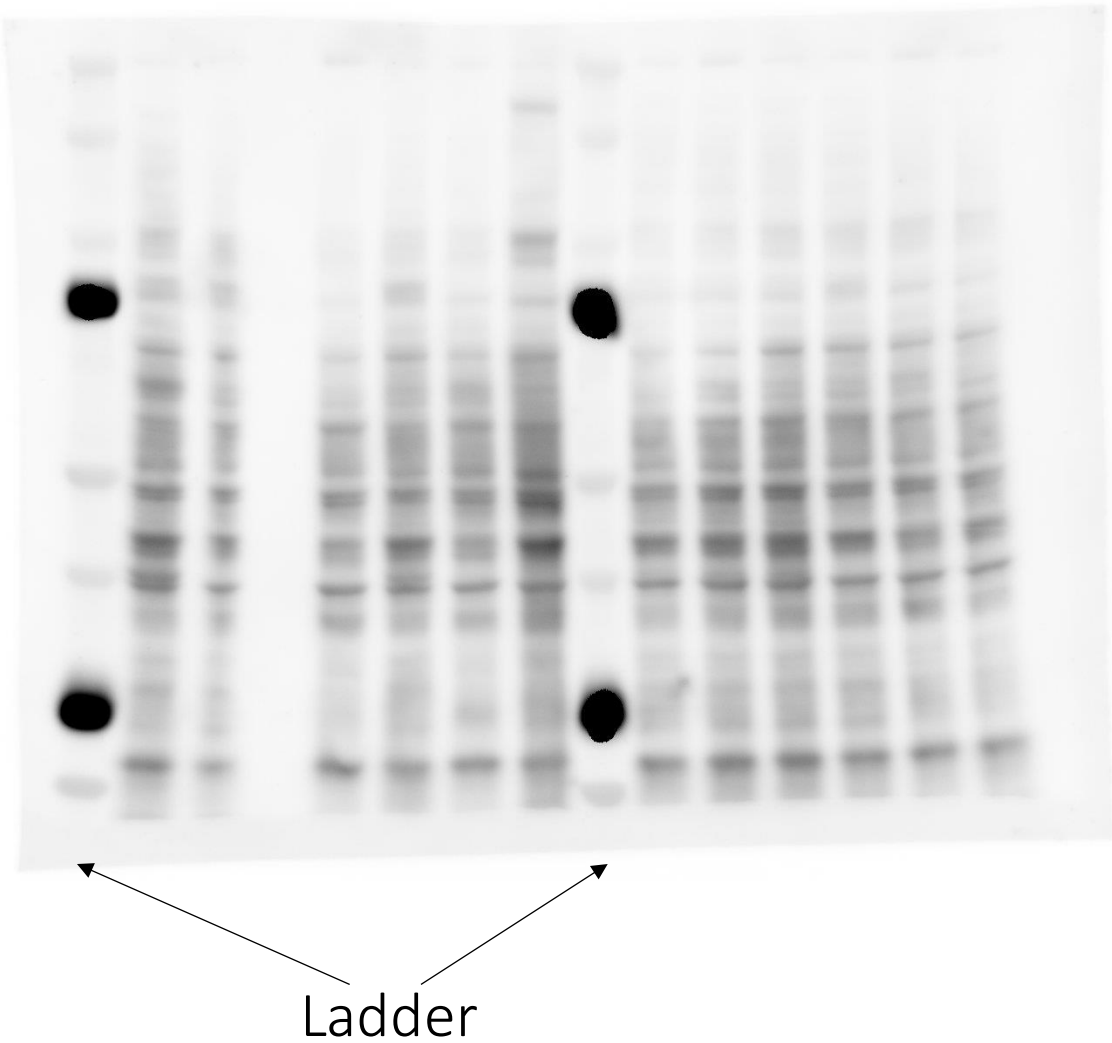
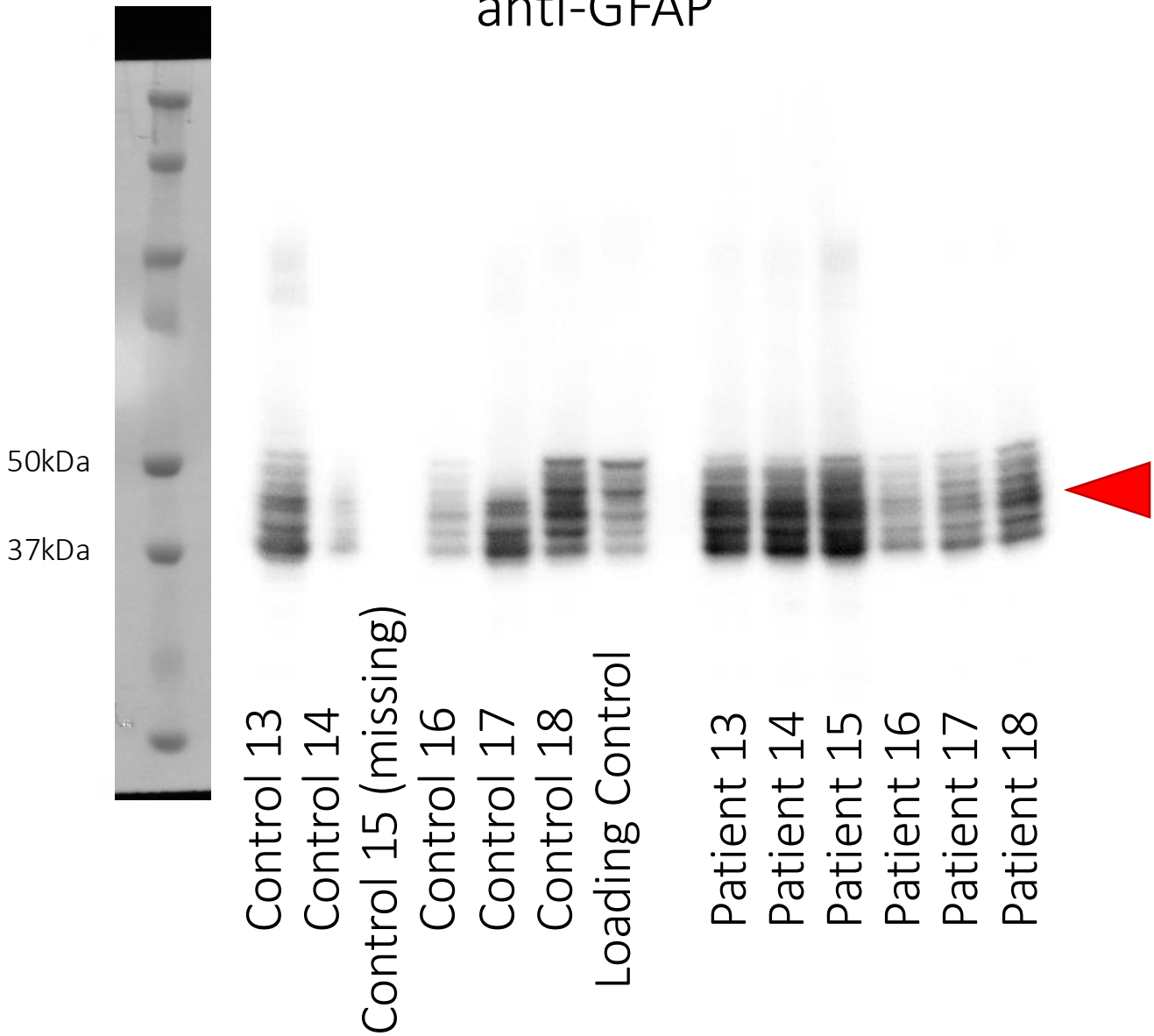
Total Protein (same membrane)



Midbrain SN batch 3: 13-18

anti-GFAP

Total Protein (same membrane)



Midbrain SN batch 3: 13-18

anti-Aldh1L1

Total Protein (same membrane)

150kDa

100kDa

75kDa

Control 13
Control 14
Control 15 (missing)

Control 16

Control 17

Control 18

Loading Control

Patient 13

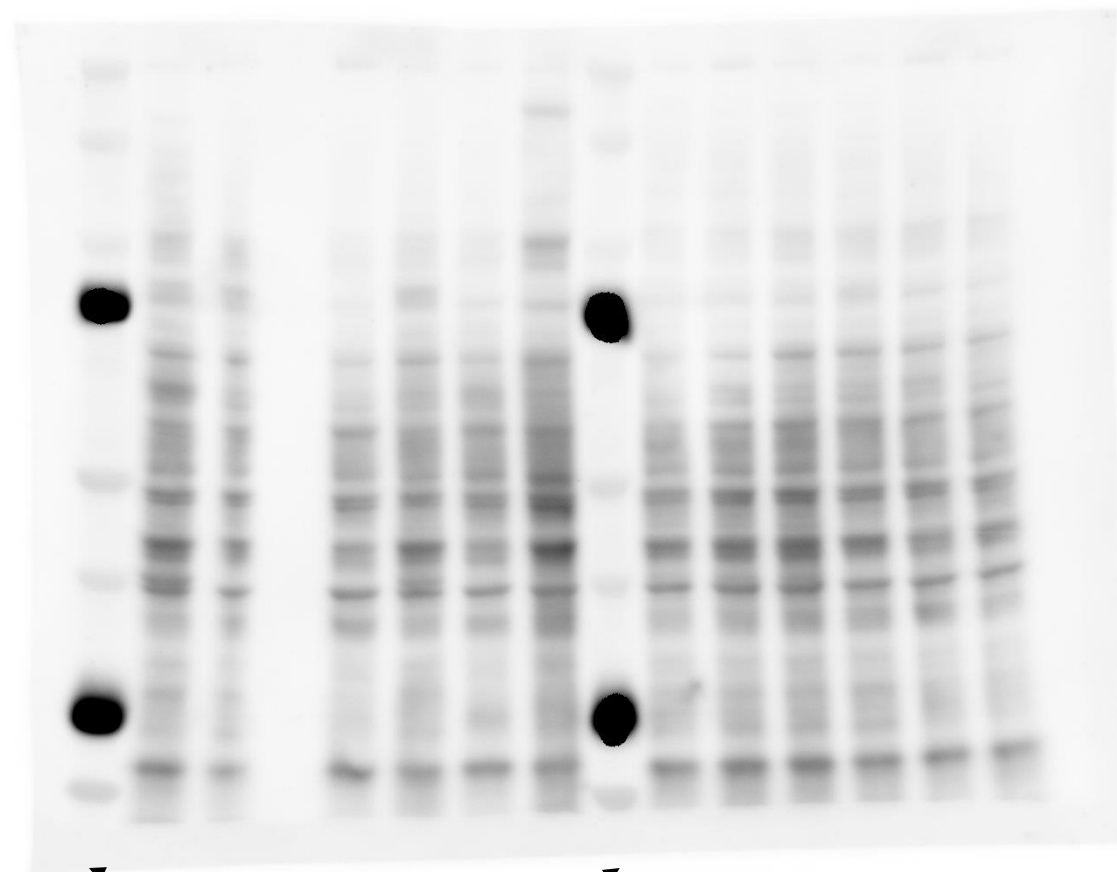
Patient 14

Patient 15

Patient 16

Patient 17

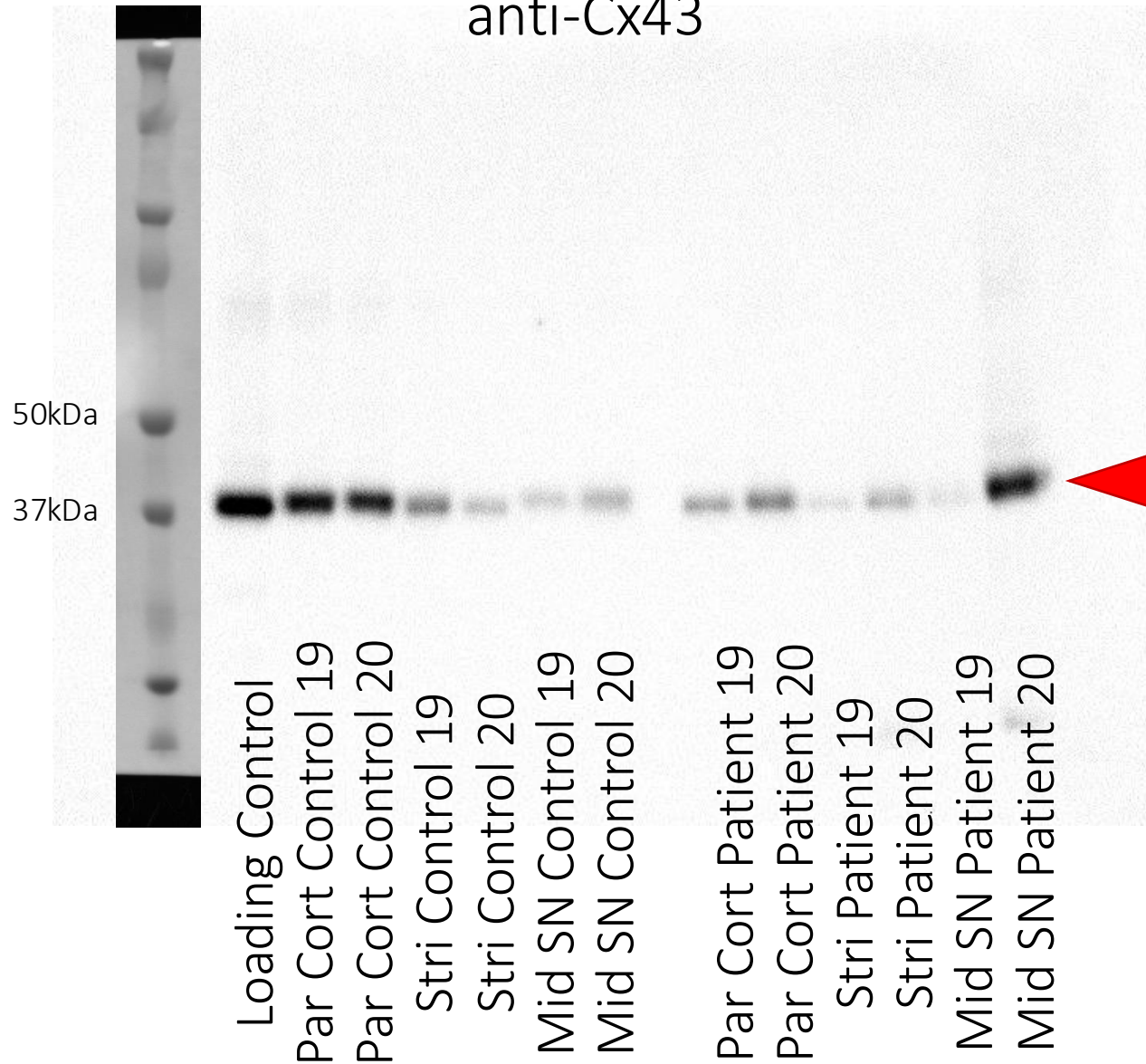
Patient 18



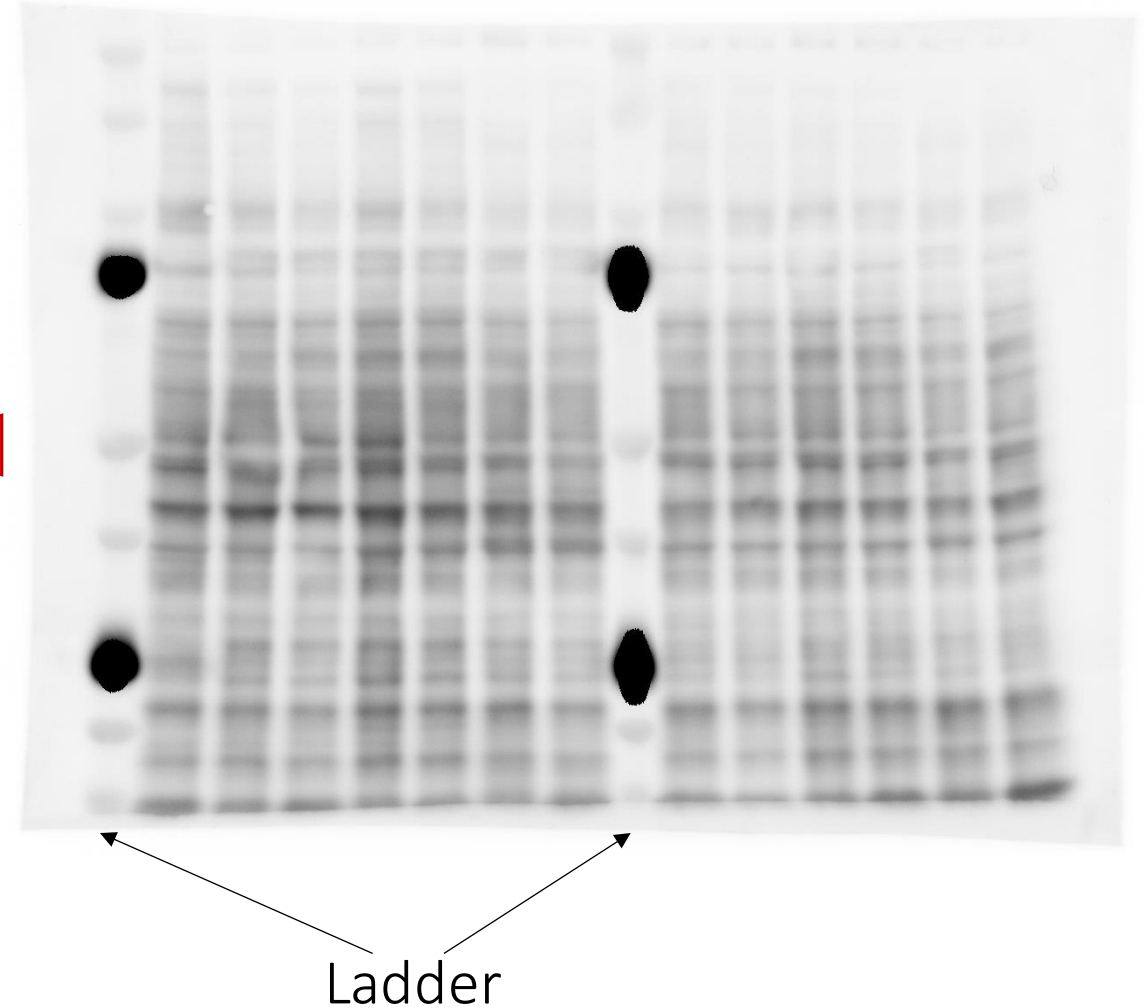
Ladder

All regions batch 4: 19-20

anti-Cx43



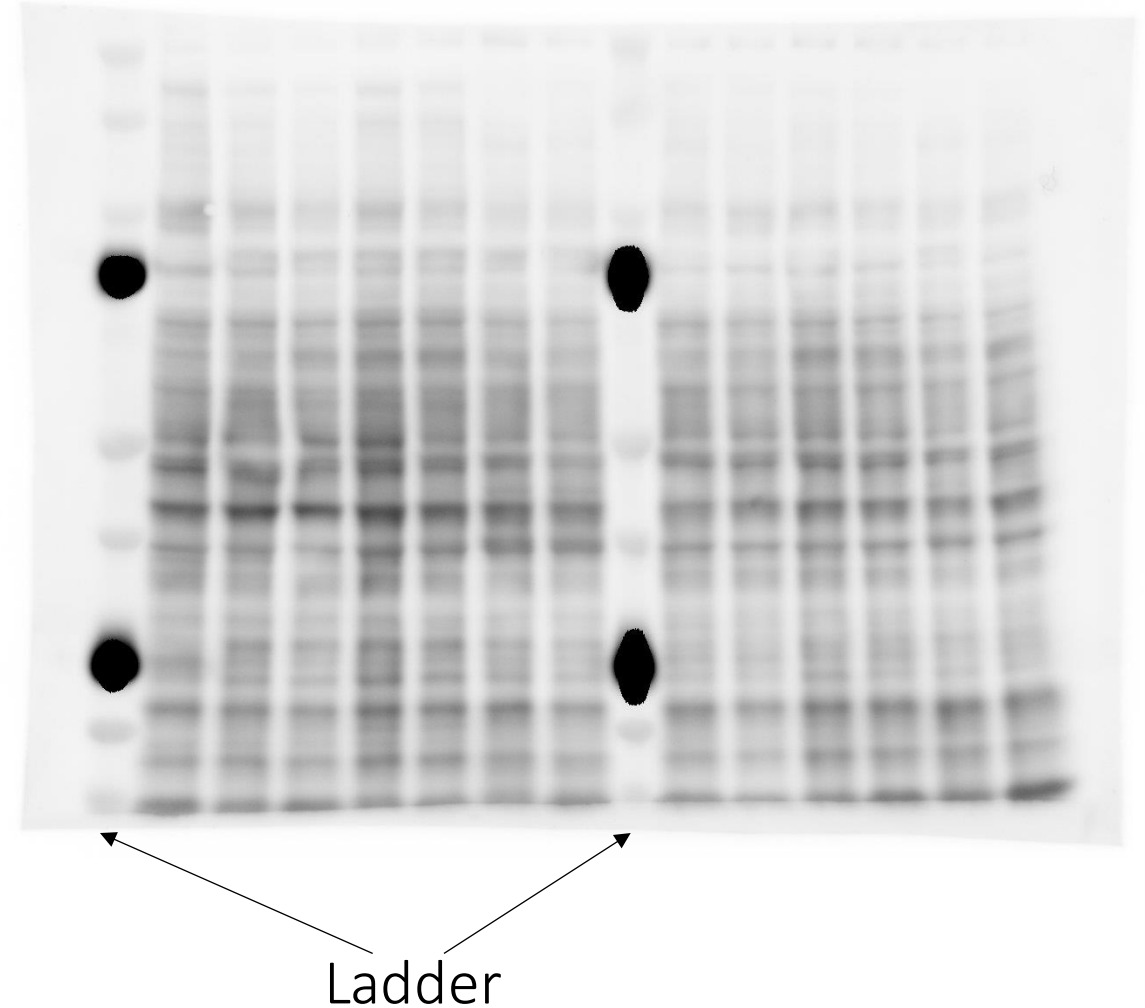
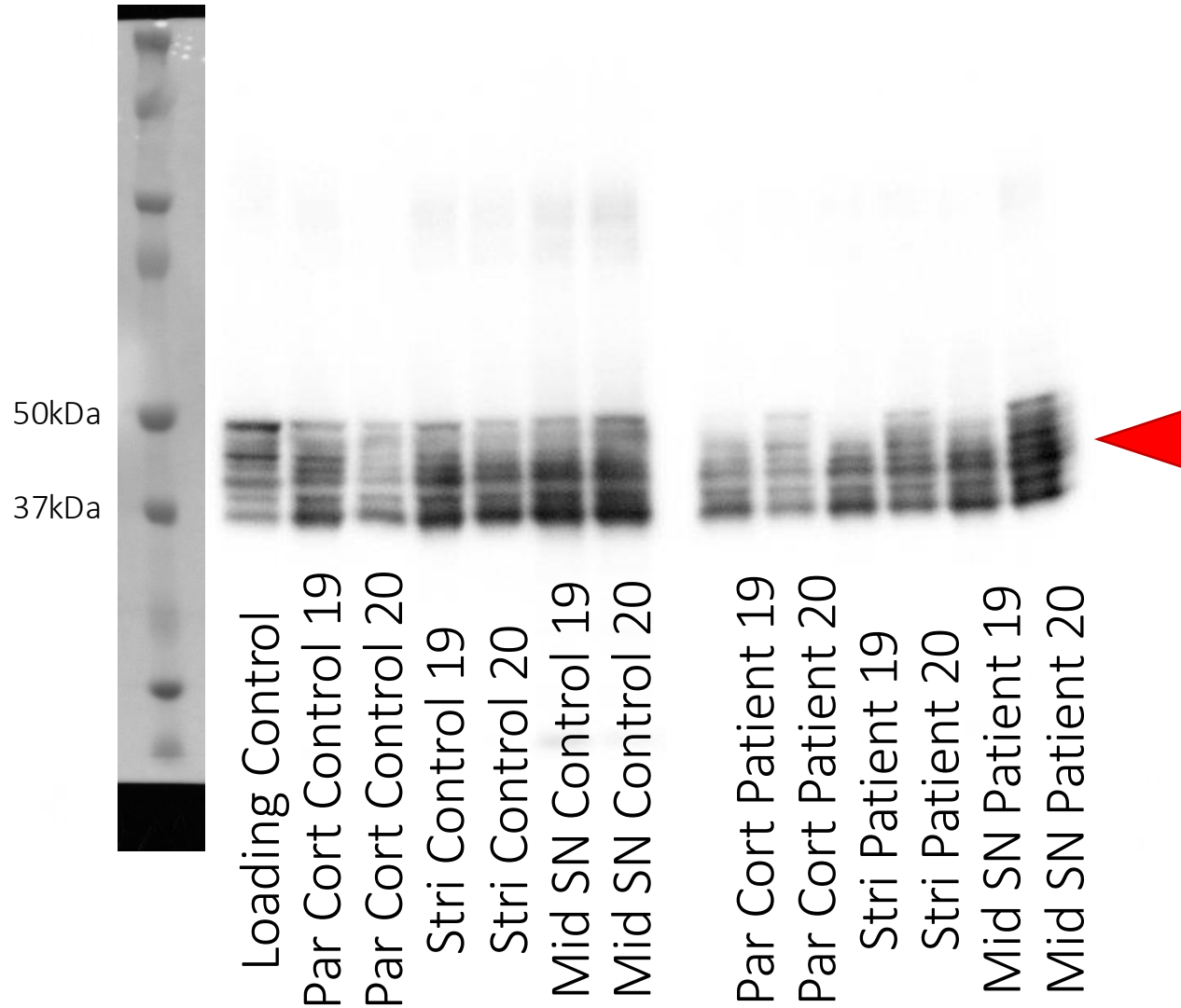
Total Protein (same membrane)



All regions batch 4: 19-20

anti-GFAP

Total Protein (same membrane)



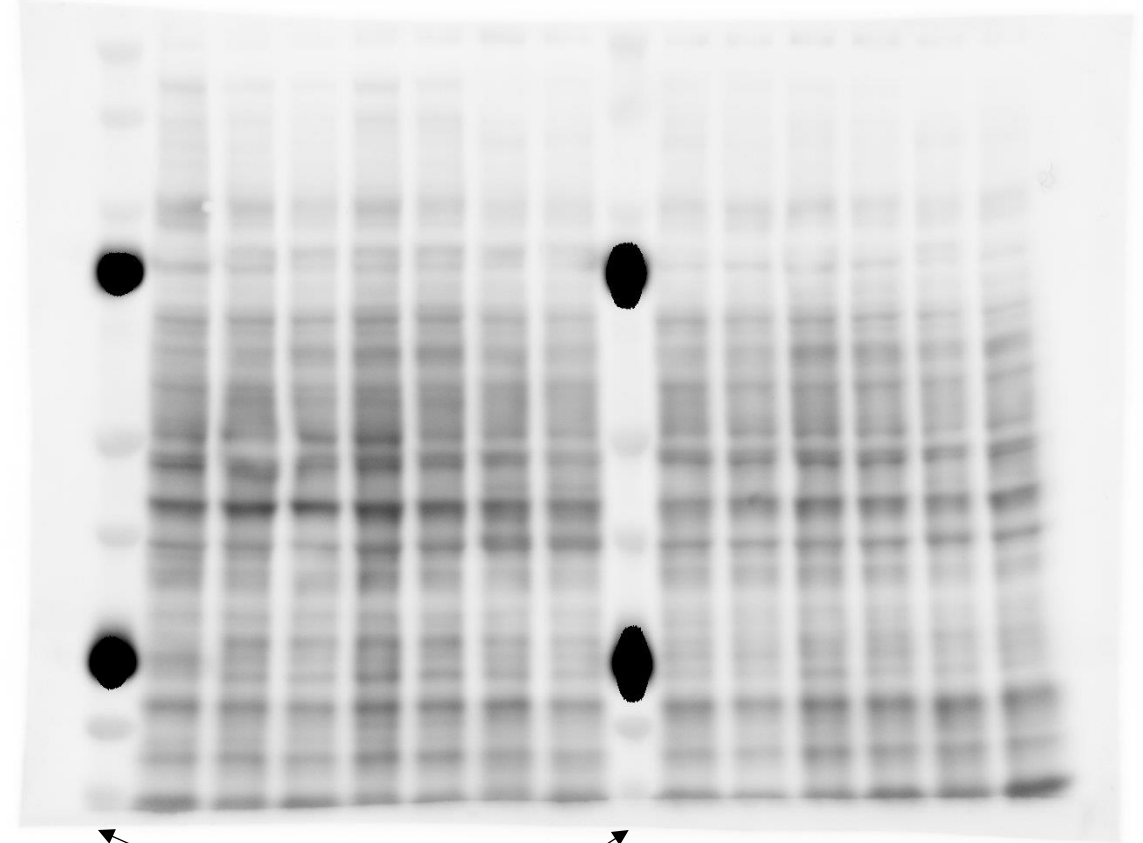
All regions batch 4: 19-20

anti-Aldh1L1

Total Protein (same membrane)

150kDa
100kDa
75kDa

Loading Control
Par Cort Control 19
Par Cort Control 20
Stri Control 19
Stri Control 20
Mid SN Control 19
Mid SN Control 20
Par Cort Patient 19
Par Cort Patient 20
Stri Patient 19
Stri Patient 20
Mid SN Patient 19
Mid SN Patient 20



Ladder