

Supplementary information for the article:

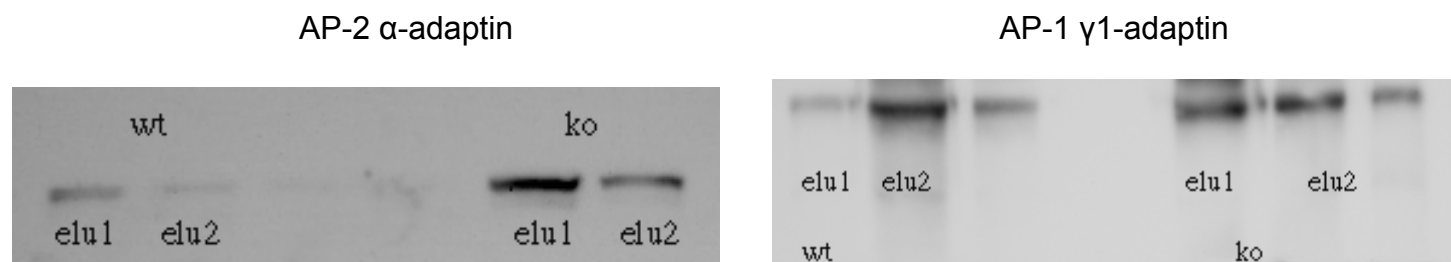
Differential regulation of synaptic AP-2/clathrin vesicle uncoating in synaptic plasticity

by

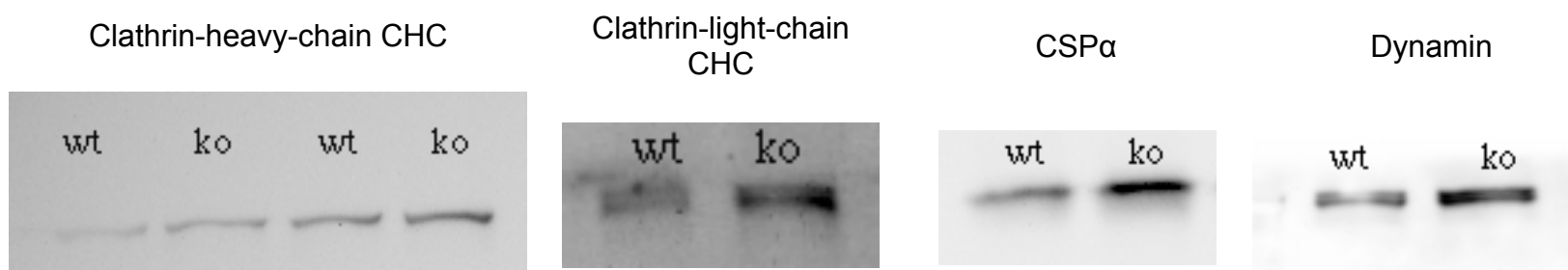
Ermes Candiello, Ratnakar Mishra, Bernhard Schmidt, Olaf Jahn and Peter Schu

Images show the western-blot membranes which were used to show representative band signal intensities in the figures of the main manuscript.

Please refer to the results and materials & methods section of the main manuscript for informations concerning the experimental design and experimental details.

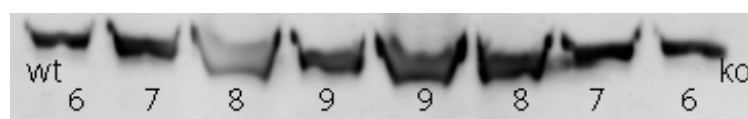


Western-blot signals of immunisolated synaptic CCV elution fractions

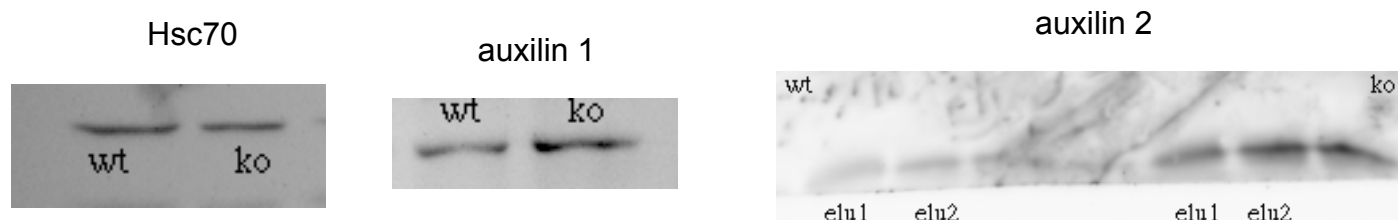


Western-blot signals of immunisolated synaptic CCV pooled proteins

Dynamin in the total synaptic CCV pool



Western-blot signals of the density gradient fractions (fraction numbers) containing synaptic CCV

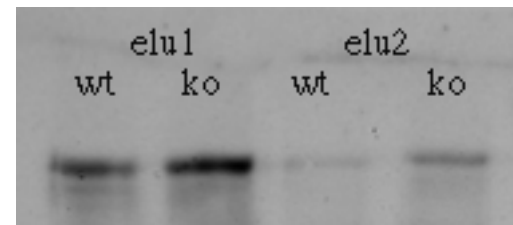
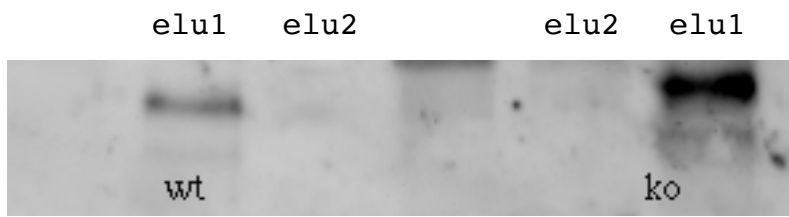


Western-blot signals of immunisolated synaptic CCV pooled proteins

Western-blot signals of immunisolated synaptic CCV elution fractions

phosphorylated μ 2 adaptin of AP-2

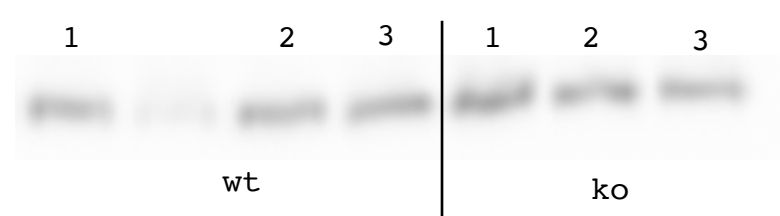
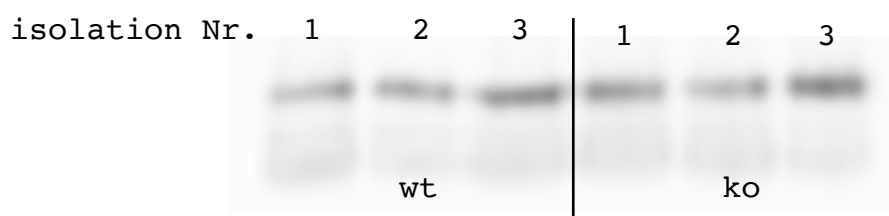
AAK1



Western-blot signals of immunisolated synaptic CCV elution fractions

Synaptojanin 1

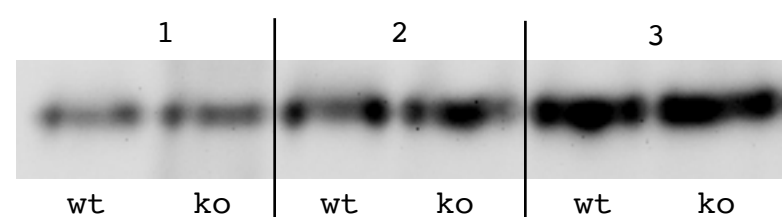
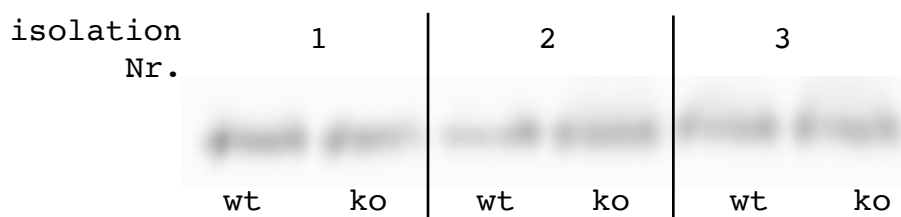
Synaptojanin 1 splice variant



Western-blot signals of cortices isolated from 3 wt and 3 ko mice in parallel.

Synaptojanin 1

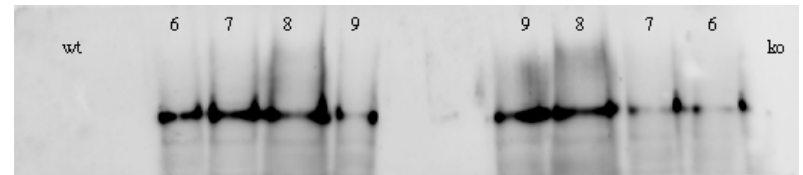
Synaptojanin 1 splice variant



Western-blot signals of synapses isolated from 3 wt and 3 ko mice in parallel.

Synaptojanin 1

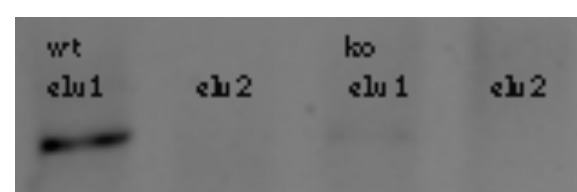
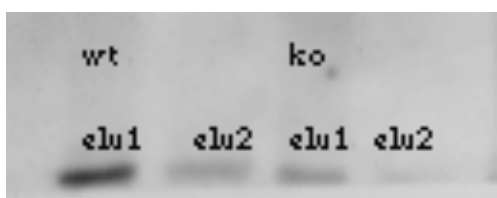
Synaptojanin 1 splice variant



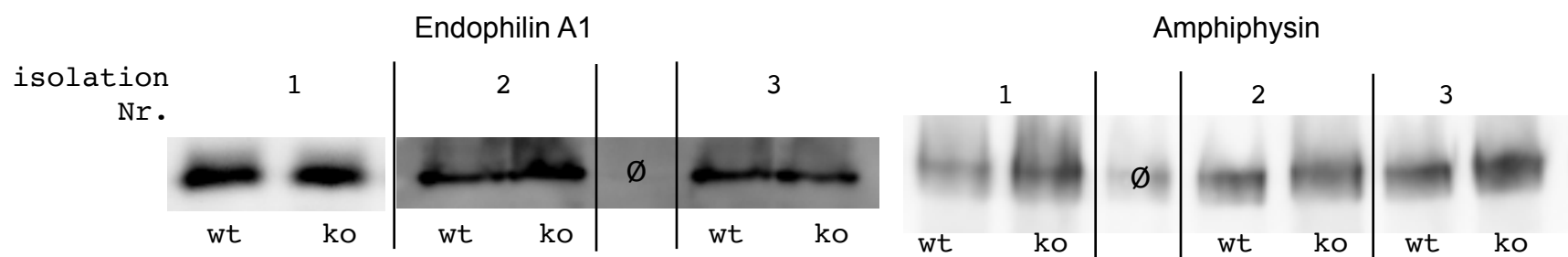
Western-blot signals of the density gradient fractions (fraction numbers) containing synaptic CCV

Synaptojanin 1

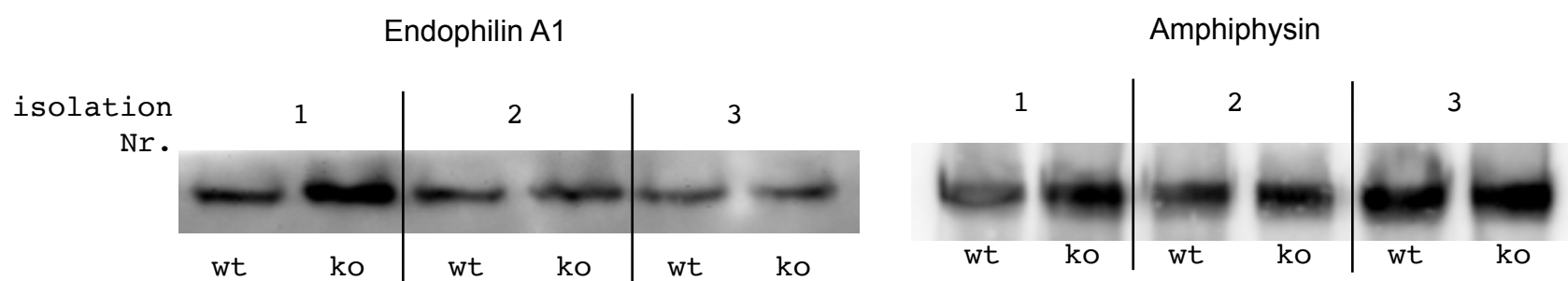
Synaptojanin 1
splice variant



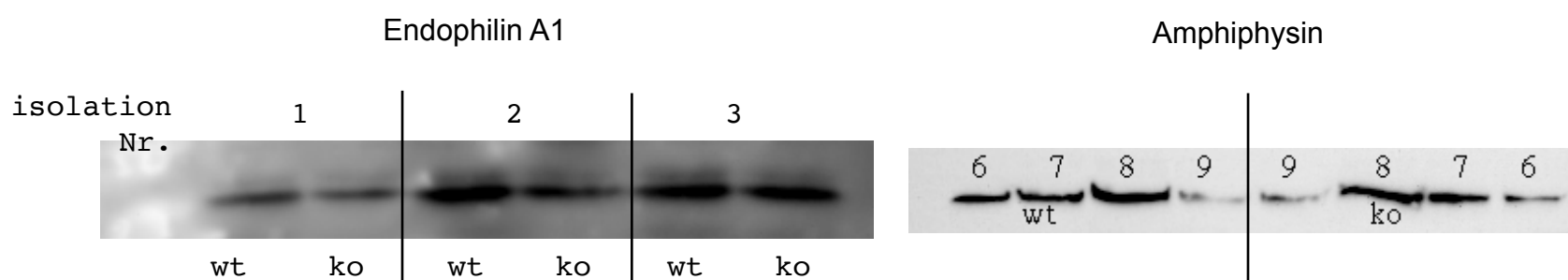
Western-blot signals of immunisolated synaptic CCV elution fractions



Western-blot signals of cortices isolated from 3 wt and 3 ko mice in parallel.

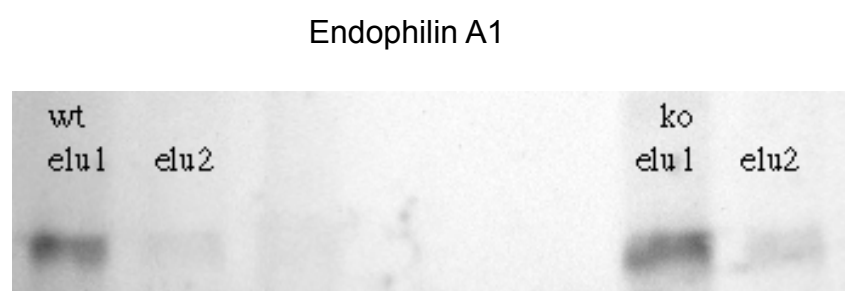


Western-blot signals of synapses isolated from 3 wt and 3 ko mice in parallel.

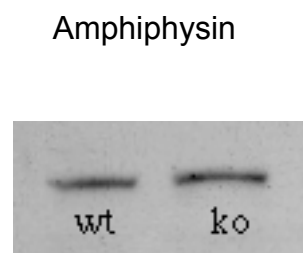


Western-blot signals of synaptic CCV (pooled gradient fractions) isolated from 3 wt and 3 ko mice in parallel.

Western-blot signals of the density gradient fractions (numbers indicate gradient fraction numbers) containing synaptic CCV.

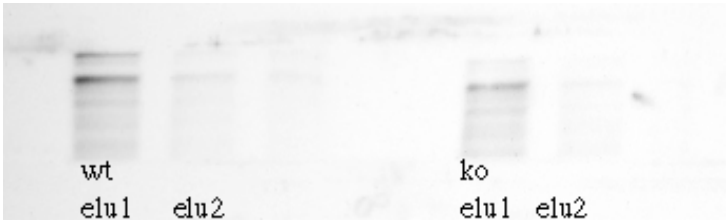


Western-blot signals of immunoprecipitated synaptic CCV elution fractions



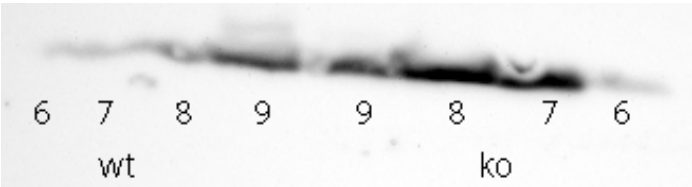
Western-blot signals of immunoprecipitated synaptic CCV pooled elution fractions

AP180



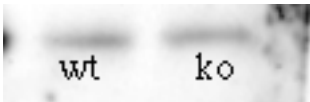
Western-blot signals of immunisolated synaptic CCV elution fractions

NECAP1



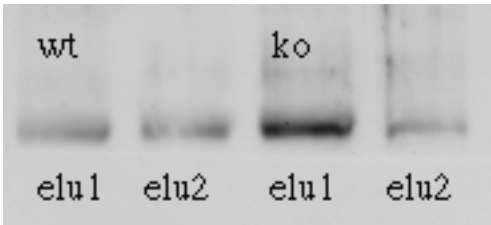
Western-blot signals of the density gradient fractions (numbers indicate gradient fraction numbers) containing synaptic CCV.

NECAP1



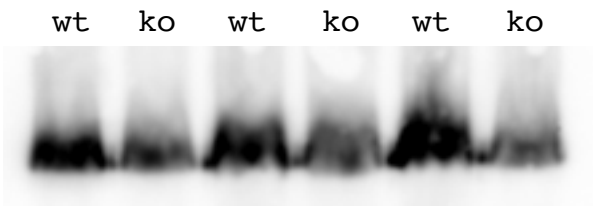
Western-blot signals of immunisolated synaptic CCV pooled elution fractions

Stonin 2



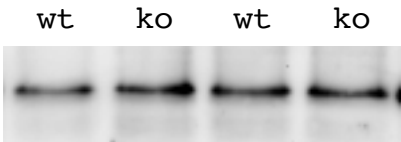
Western-blot signals of immunisolated synaptic CCV elution fractions

Arf6



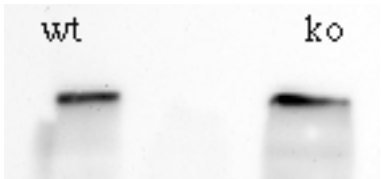
Western-blot signals of synapses isolated from 3 wt and 3 ko mice in parallel.

Arf6



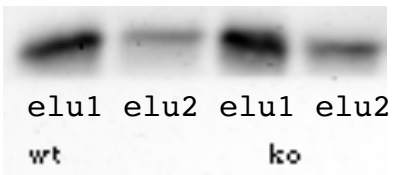
Western-blot signals of immunisolated synaptic CCV pooled gradient fractions

Git1

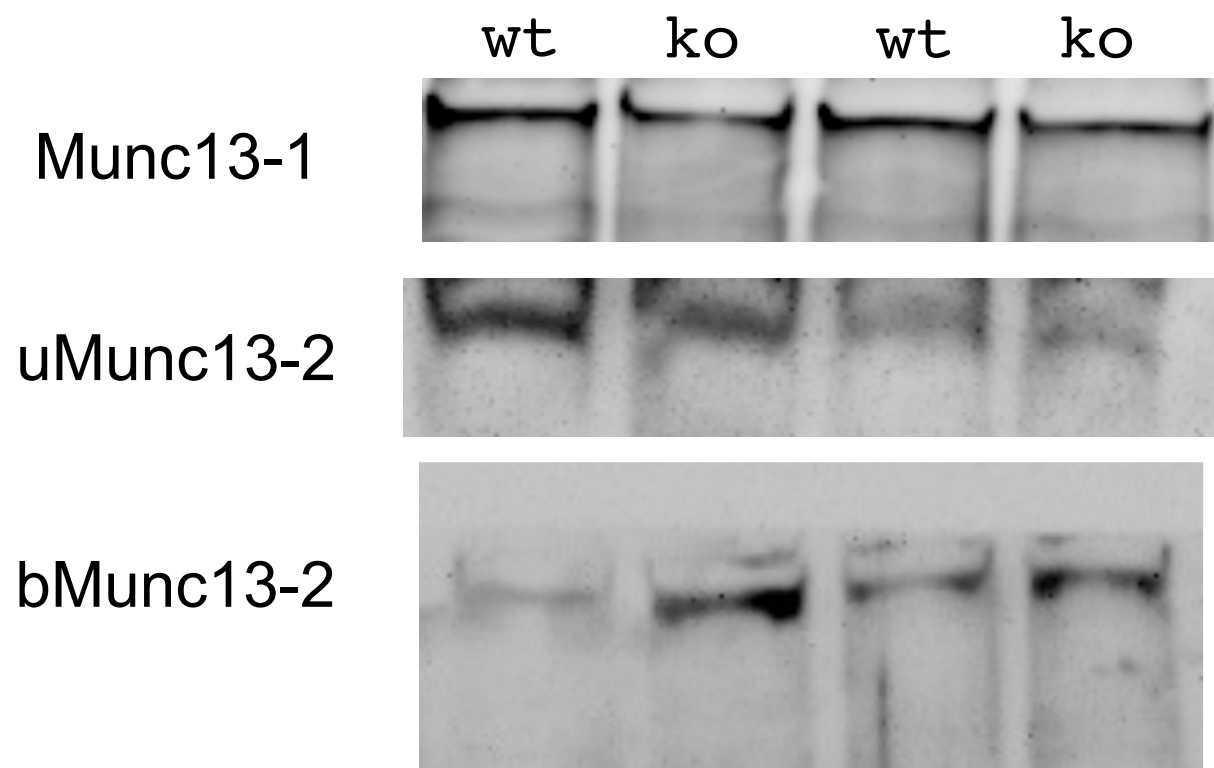


Western-blot signals of immunisolated synaptic CCV pooled elution fractions

Arf6



Western-blot signals of immunisolated synaptic CCV elution fractions



Western-blot signals of synaptic CCV pooled gradient fractions prepared from 2 wt and 2 ko mice in parallel.