

Supporting information

EFA6A, a guanine nucleotide exchange factor for Arf6, regulates developmental stage-dependent spine morphogenesis, synaptic plasticity, and long-term memory in the hippocampus.

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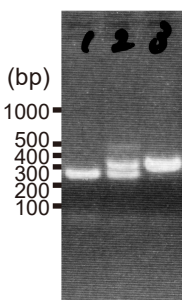
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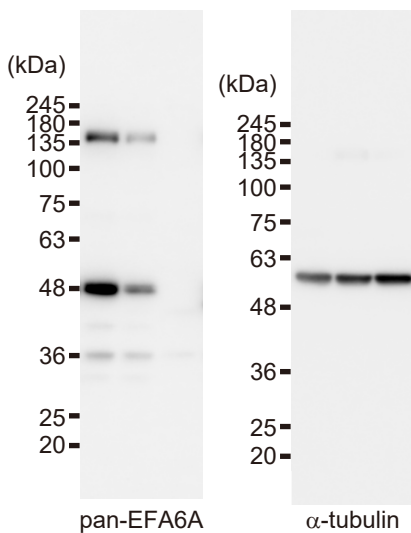
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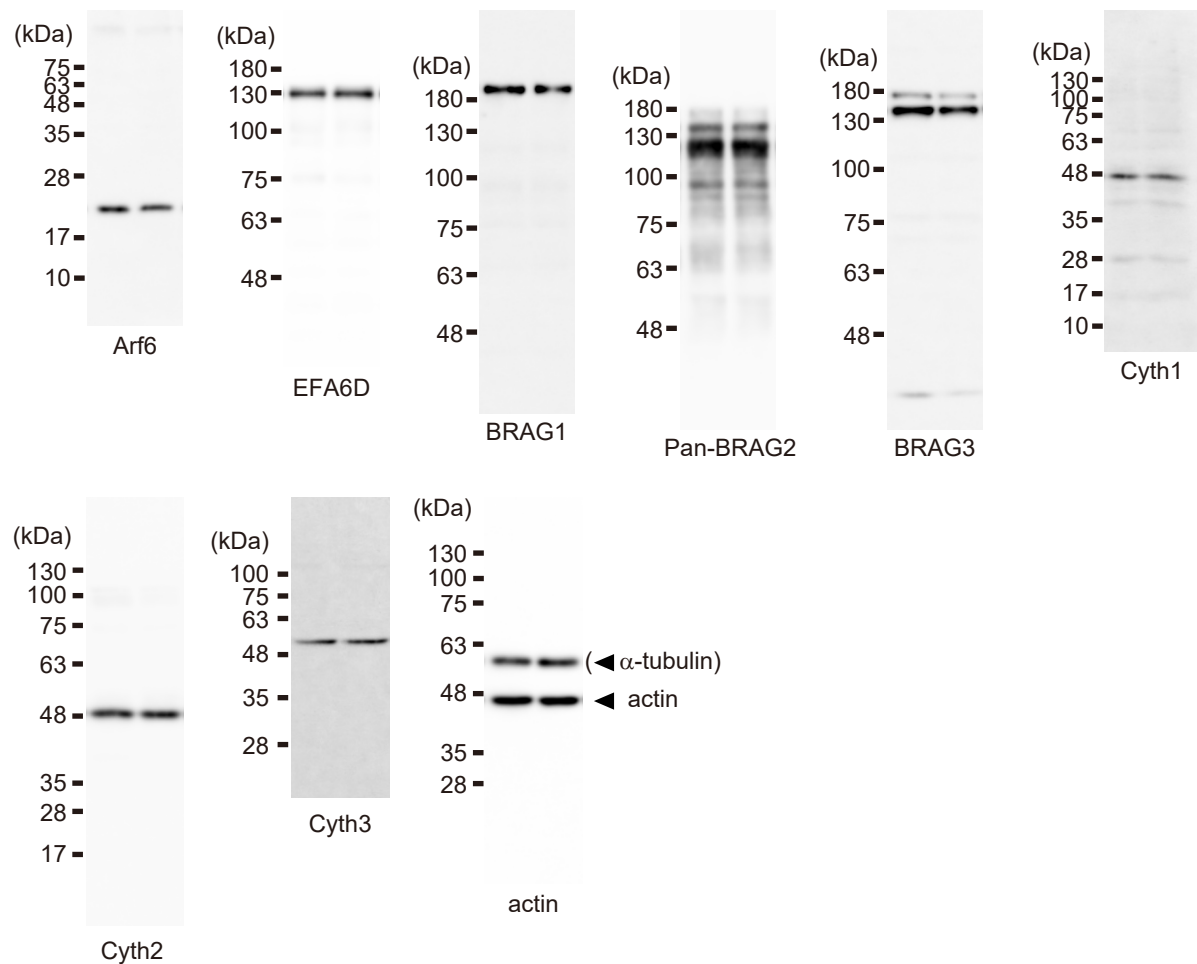
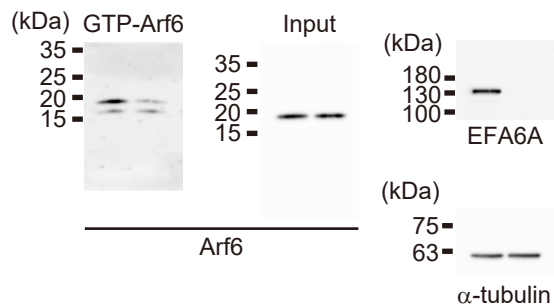
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Western blot analysis of EFA6A and α -tubulin expression. The left blot shows EFA6A protein levels in pan-EFA6A cells, with molecular weight markers (kDa) indicated on the left: 245, 180, 135, 100, 75, 63, 48, 36, 25, and 20. A prominent band is visible at approximately 135 kDa. The right blot shows α -tubulin protein levels in the same cells, with molecular weight markers (kDa) indicated on the left: 245, 180, 135, 100, 75, 63, 48, 36, 25, and 20. A prominent band is visible at approximately 50 kDa.

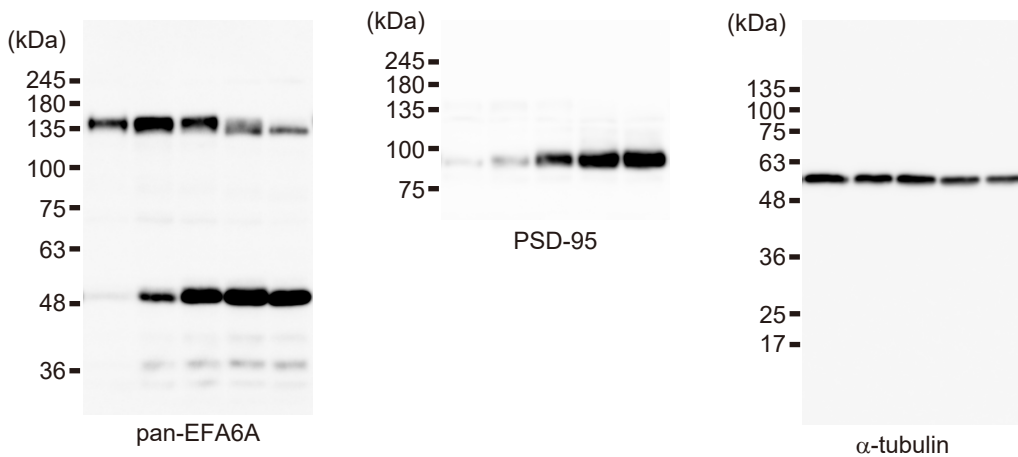


Western blot analysis of EFA6A and α -tubulin. The top blot shows EFA6A (180, 130, 100 kDa) in GTP-Arf6 and Input lanes. The bottom blot shows α -tubulin (75, 63 kDa) as a loading control. A line indicates that the GTP-Arf6 and Input lanes are from the same experiment.



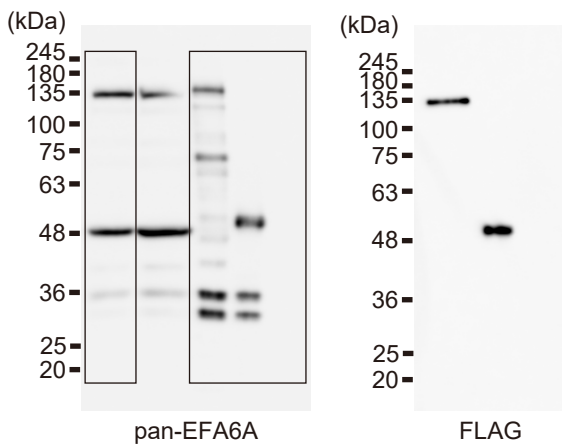
Supplementary information 1 Uncropped gel and immunoblots presented in Fig 1.

Fig 2a

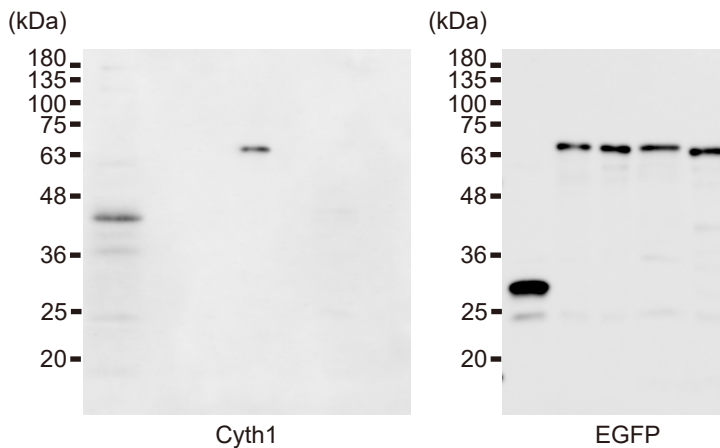


Supplementary information 2 Uncropped immunoblots presented in Fig 2a.

Supplemental fig 1a



Supplemental fig 1c



Supplemental fig 1d

