

**A novel method for monitoring surface membrane trafficking on hippocampal acute slice preparation**

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**BDNF-induced TrkB activation down-regulates the K<sup>+</sup>-Cl<sup>-</sup> cotransporter KCC2 and impairs neuronal Cl<sup>-</sup> extrusion**

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**Developmental up-regulation of KCC2 in the absence of GABAergic and glutamatergic transmission**

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**A novel N-terminal isoform of the neuron-specific K-Cl cotransporter KCC2**

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