**Figure S1**. Mean (±SD) γ-tocopherol concentrations (ng/mg protein, ± SD) in different regions of the brain from adult rhesus macaque (n=9).

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Asterisks indicate significant differences between brain regions according to one-way ANOVA followed by Tukey’s HSD test; \*P<0.05, \*\*P<0.01, \*\*\*P<0.001

**Figure S2**. Mean (±SD) ratio of α-tocopherol/γ-tocopherol in different regions of the brain from adult rhesus macaque (n=9).

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Asterisks indicate significant differences between brain regions according to one-way ANOVA followed by Tukey’s HSD test; \*P<0.05, \*\*P<0.01, \*\*\*P<0.001

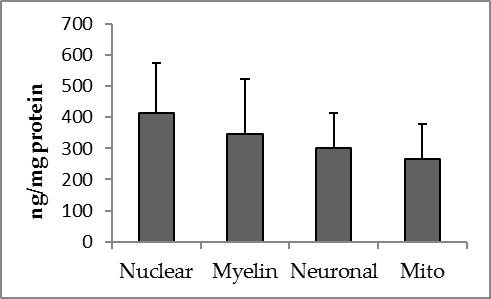
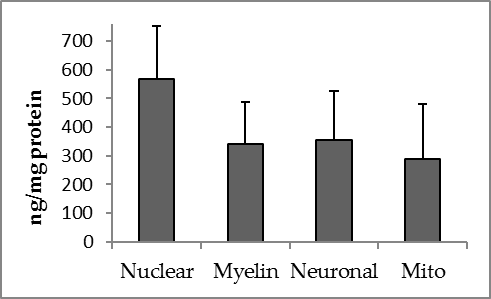
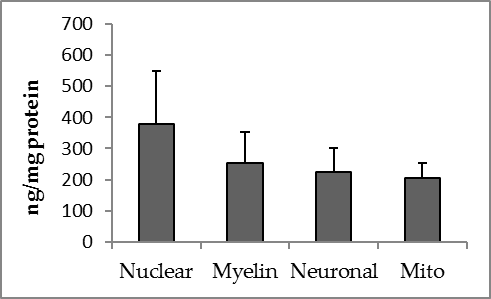
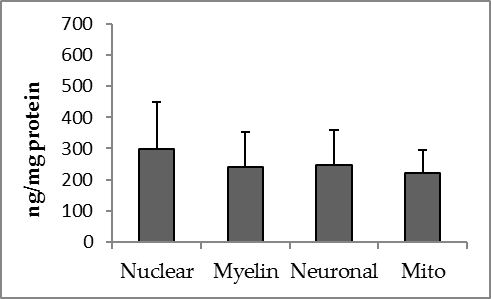
**Figure S3**. Membrane γ-tocopherol concentrations (ng/mg protein, mean ± SD) in (A) prefrontal cortex (B) cerebellum (C) striatum (D) hippocampus of adult rhesus macaque (n=9).

**A**

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**B**

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**C**

**D**

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Asterisks indicate significant differences between brain regions according to one-way ANOVA followed by Tukey’s HSD test; \*P<0.05, \*\*P<0.01, \*\*\*P<0.001Neuronal: neuronal plasma membrane; Mito: mitochondrial membranes