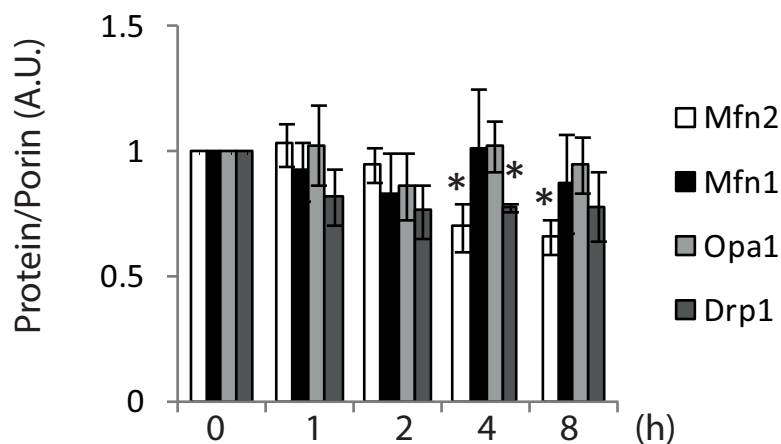
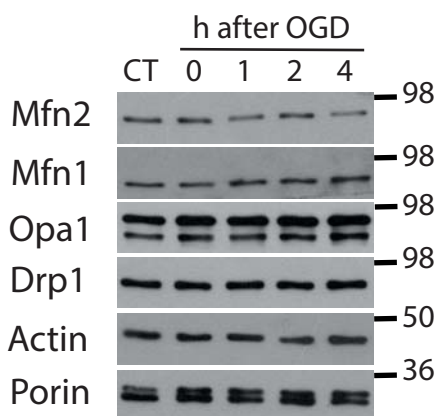


Figure S1 (related to Figure 1)

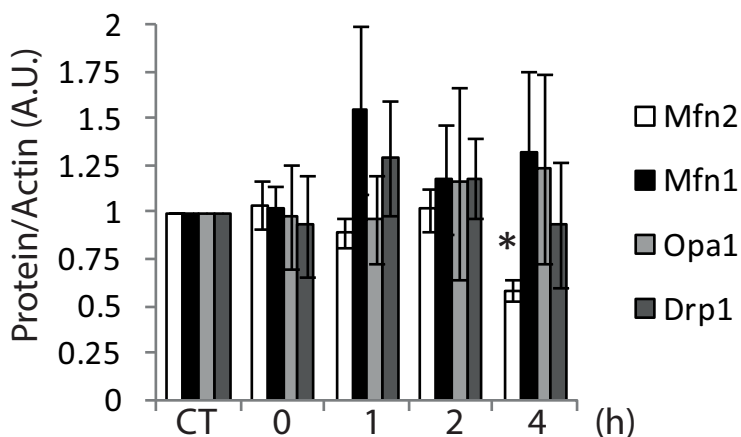
A



B



C



D

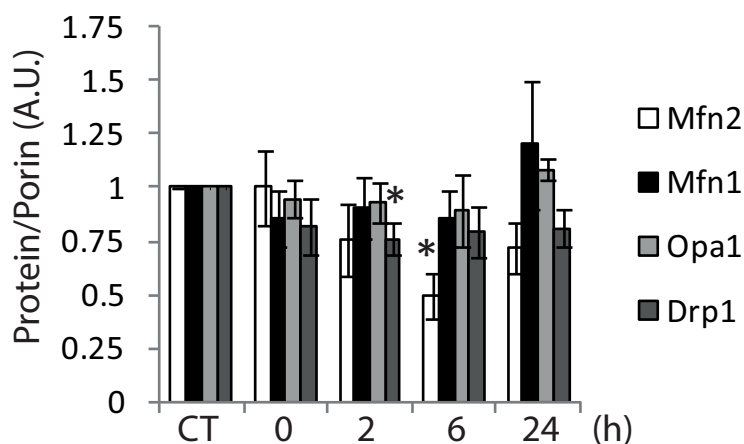


Figure S1. A) Densitometric analysis normalized to porin of western blots of the indicated mitochondrial fusion/fission proteins in *in vitro* primary cortical neurons exposed to NMDA (30 μ M) for the indicated times (n=3–6). B) Western analysis of *in vitro* primary cortical neurons subjected to OGD 1 hour and returned to normoxic conditions and glucose containing medium for the indicated times. C) densitometric analysis normalized to actin from (B). (n=3–4). D) Densitometric analysis normalized to porin of *in vivo* brain extracts of rats subjected to MCAO plus 90 minutes of ipsilateral carotid clamp followed by clamp release for the indicated times (n=3–7). *p<0.05 compared to control, two-tailed T-test.