

Figure S1. Ascorbic acid improved cell viability from oxidative stress

B4G12 and ARPE19 were cultivated in the medium containing different concentrations of ascorbic acid (0 mM to 1 mM) for two days, and then further treated with different concentrations of cytotoxicants including paraquat (oxidative stress inducer, 0 mM to 3 mM for ARPE-19 and 0.1 mM to 0.3 mM for B4G12) and staurosporine (protein kinase inhibitor, 0 mM to 1.6 mM) for two days. The MTT assay was used to quantify cell viability. Compared to that in the staurosporine group, cell viability in the paraquat group was significantly rescued in a dose-dependent manner. (* $P < 0.05$, ** $P < 0.01$)

