

## The Dose-Dependent Effect of *Rheum Palmatum* on Neuronal Viability

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### Abstract

This study examines the neuroprotective effects of *Rheum palmatum* root extract on neuronal viability. In vitro experiments showed that the extract preserved 96% cell viability at 0.2% concentration but dropped to 89% at 2%, indicating a dose-dependent effect. The findings suggest potential therapeutic benefits at optimal doses, while higher concentrations may be toxic. Further studies are needed to explore its role in neurodegenerative disease treatment.

### Keywords

*Rheum palmatum*, neuroprotection, neurodegenerative diseases.

