What is claimed is:

1. A method for determining neuroprotective capability against Aβ-induced damage in a cell derived from hippocampus of an extract from inflamed tissue inoculated with vaccinia virus or a preparation containing the extract by measuring the suppressing action of the expression of HIF-1α and/or Bax in the cell in vitro.

2. A method for determining neuroprotective capability against Aβ-induced damage in a cell derived from hippocampus of an extract from inflamed tissue inoculated with vaccinia virus or a preparation containing the extract by measuring the enhancing action of the expression of Bcl-2 in the cell in vitro.

3. The method of claim 1 or 2, characterized in that the Aβ-induced damage is oxidative damage.

4. The method of claim 1 or 2, characterized in that the Aβ-induced damage is induced by Aβ deposition.

5. The method of any one of claims 1-4, characterized in that the inflamed tissue is the skin tissue of rabbits.

6. The method of any one of claims 1-5, characterized in that the preparation containing the extract from inflamed tissue inoculated with vaccinia virus is an injection agent.

7. The method of any one of claims 1-5, characterized in that the preparation containing the extract from inflamed tissue inoculated with vaccinia virus is an oral agent.