





For research use only

Anti Human Humanin Polyclonal Antibody

Alzheimer disease (AD) is characterized as neurodegenerative disease showing impairment of cognitive function, death of neuronal cells, numerous numbers of senile plaques and tangle of neurofilaments. Humanin, HN, is novel 24- residue peptide which protects neuronal cell death. HN shows neuroprotective activity to the cell damage not only with known three familial AD gene such as APP, PS1, and PS2 but also with Abeta peptide. HN is a secretary peptide and exerts its protective function from the outside of the cell.

This antibody is useful not only to the study of identify the mechanism AD but also to the research for novel therapeutic approach.

Pacage Size $25 \mu \text{ g} (100 \mu \text{ L/vial})$

Format Rabbit polyclonal antibody 0.25mg/mL

Buffer Block Ace as a stabilizer, containing 0.1% Proclin as a bacteriostat

Storage Below –20°C.

Once thawed, store at 4°C. Repeated freeze-thaw cycles should be avoided.

Purification method This antibody was purified from rabbit serum by affinity chromatography.

Working dilution For western blotting ; $0.1 \sim 0.2 \mu \text{ g/mL}$



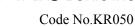
Western blotting

Sample: Humanin peptide

Preparation of antibodies and instruction

Dr.Nishimoto I. and Dr. Niikura T. at Department of Pharmacology,

Keio University School of Mediceine.





Trans Genic Inc.

Anti Human Humanin Polyclonal Antibody

[Reference]

- 1. Hashimoto Y,et al. : Proc. Natl. Acad. Sci. USA ,2001,98,6336-41
- 2. Hashimoto Y, et al. :Biochem. Biophys. Res. Commun. 2001,283,460-468
- 3. Hashimoto Y, et al. :J. Neurosci. 2001, 21, 9235-9245
- 4. Tajima H,et al.: Neurosci. Lett. 2002,324:227-31

Manufacturer



MCP Medicinal Chemistry Pharmaceutical Co., Ltd.



Kobe Research Institute

7-1-14 Minatojimaminami-machi, Chuo-ku, Kobe, Japan 650-0047 Telephone: +81-78-945-7075 FAX:+81-78-306-0694 URL:https://soyaku.co.jp/english/ tech-kobe@soyaku.co.jp

Previous manufacturer