



Code No.KAL-KR050-EX

For research use only

Anti Human Humanin Polyclonal Antibody, Rabbit

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.

Package Size	25 μ g (100 μ 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 ; 0.1~0.2 μ g/mL



Western blotting

Sample : Humanin peptide

Preparation of antibodies and instruction

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【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

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