Anti Amyloid β Protein (1-40) (Human) Serum Cat. No. YA010 Lot No. 305100514

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic amyloid β protein (1-40) (human) peptide. The product vial contains 50 μL of the titled serum obtained by lyophilizing its 0.001 M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoassay, immunohistochemistry or any other immunoreaction with amyloid β protein (human).

Immunogen: Synthetic amyloid β protein (1-40) (human), carrier free **Host:** Rabbit

Amino Acid Sequence of Amyloid β Protein (1-40) (human)[1]:

1 40

DAEFRHDSGY EVHHQKLVFF AEDVGSNKGA IIGLMVGGVV

Product Form: Lyophilized unpurified serum **Size:** 50 μL

Reconstitution: Reconstitute the product with 0.5mL of 0.01M PBS (pH7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN_3 0.1%).

Storage: The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing-thawing should be avoided.

Suggested Working Dilution Range: 1:1,000 for immunohistochemistry. Optimal dilution should be determined by each laboratory for each application.

Specificity (based on enzyme immunoassay)**:** Amyloid β protein (human) specific.

REFERENCES:

1) J. Kang, H.G. Lemaire et al., The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor. Nature 325:733-738, 1987

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

Yanaihara Institute Inc.
2480-1 Awakura, Fujinomiya, Shizuoka, 418-0011 Japan
TEL: +81-544-22-2771 FAX:+81-544-22-2770
For more infomation, please visit our internet website: http://www.yanaihara.co.jp or contact us to: ask@yanaihara.co.jp

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