



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

Description: This antiserum was raised in a rabbit by immunization with a carrier free synthetic amyloid b 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 b protein (human).

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

Amino Acid Sequence of Amyloid b 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. NaN₃ 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 reconstituted, 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 b 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

