



BMA BIOMEDICALS



Peninsula Laboratories

T-4160

Rabbit anti Amyloid β -Protein (1-40)

Amyloid β -Protein fragment (1-40) is derived from the Amyloid β -Protein, which is mapped to human chromosome 21q21.3. It is predominantly present in the vascular amyloid deposits and it has been shown that Amyloid β -Protein (1-40) together with Amyloid β -Protein (1-42) are two major C-terminal variants of the Amyloid β -Protein and undergo post-secretory aggregation and deposition in the Alzheimer's disease brain.

This antibody was generated by immunization of rabbits with Amyloid β -Protein (1-40) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A09201
Host species:	Rabbit IgG
Quantity:	50ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Amyloid β -Protein (1-40). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Asp-Ala-Glu-Phe-Arg-His-Asp-Ser-Gly-Tyr-Glu-Val-His-His-Gln-Lys-Val-Phe-Phe-Ala-Glu-Asp-Val-Gly-Ser-Asn-Lys-Gly-Ala-Ile-Gly-Leu-Met-Val-Gly-Gly-Val-Val-Ile-Ala coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
Amyloid β -Protein (1-40)	100
Amyloid β -Protein (1-42)	0
Amyloid β -Protein (1-28)	0
Amyloid β -Protein (12-28)	0
Amyloid β -Protein (25-35)	0
Substance P	0
Neurokinin A	0
Neurokinin B	0
Eledoisin	0
Kassinin	0

Related Products: T-4162: anti Amyloid β -Protein (1-40) neat antiserum
 T-4161: anti Amyloid β -Protein (1-40) purified IgG

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4160

diluted antiserum

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