



BMA BIOMEDICALS



Peninsula Laboratories

T-4161

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:	A10737
Host species:	Rabbit IgG
Quantity:	400 μ g
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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 a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Amyloid β -Protein (1-40)	100
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-4160: anti Amyloid β -Protein (1-40) diluted antiserum

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.

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rabbit IgG

1.3.2021