



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Amyloid β -A4 Protein Precursor 770 (740-770) (C31)

Amyloid β -A4 Protein precursor 770 is a 31-amino acid peptide that corresponds to the C-terminal fragment of the Amyloid Precursor Protein (APP). Caspase cleavage of amyloid β -protein precursor with the generation of C31 may be involved in the neuronal death associated with Alzheimer disease. The resultant C31 peptide is a potent inducer of apoptosis. This peptide is located in lipid rafts together with the APP-BP1, a binding protein for the intracellular domain of APP.

This antibody was generated by immunization of rabbits with Amyloid β -A4 Protein precursor 770 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4827 (Lot A13856)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400 μ g
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Ala-Ala-Val-Thr-Pro-Glu-Glu-Arg-His-Leu-Ser-Lys-Met-Gln-Gln-Asn-Gly-Tyr-Glu-Asn-Pro-Thr-Tyr-Lys-Phe-Phe-Glu-Gln-Met-Gln-Asn-OH coupled to a carrier protein.
Protein database:	n/a

Cross-Reactivity:

PEPTIDE:	%:
Amyloid β /A4 Protein Precursor 770 (740-770) (C31) (Human, Rat)	100
Amyloid β Protein (1-42)	0
Amyloid β Protein (1-40)	0
Amylin 1-13 (Human)	0
Amylin 25-37 Amide (Human)	0

Applications:

Tested in ELISA against Amyloid β -A4 Protein precursor 770 and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:

Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see www.bma.ch for protocols and general information

Related Products:

T-4162: anti Amyloid β -Protein (1-40) neat antiserum
T-4160: anti Amyloid β -Protein (1-40) diluted 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. Not for diagnostic or therapeutic applications.