T-4827
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

Lot number:	A13856
Host species:	Rabbit IgG
Quantity:	400µg
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 4º - 8ºC from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20ºC or below.
Applications:	This antibody has been tested and validated in ELISA against Amyloid β-A4 Protein precursor 770. 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-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.

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

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

T-4827   rabbit IgG   1.3.2021