T-4867
Rabbit anti APLP1-derived Aβ-like peptide-28 (APL1β28)

APLP1 (amyloid precursor-like protein 1) is part of a conserved family of type-I transmembrane proteins, including the amyloid precursor protein (APP) and APLP2 (amyloid precursor-like protein 2) which are homologous in function. APP and APLPs have roles in neuronal differentiation, synaptogenesis, neurite outgrowth, and synaptic plasticity. Subsequent γ-cleavage of membrane-bound stubs of APLP1 generates Aβ-like peptides with 25, 27 and 28 residues. APL1β28 has been suggested to be a surrogate marker for Aβ1–42 production in the brain.

This antibody was generated by immunization of rabbits with APL1β28 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number: A11205

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 APL1β28. 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.

Cross-Reactivity:

PEPTIDE:	%:
APLP1-derived Aβ-like peptide-28 (APL1β28) IgG	100

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-4867   rabbit IgG   1.3.2021