

Product datasheet for **TA364353**

APLP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against APL1 β 28. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Formulation:	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.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Gene Name:	amyloid beta precursor like protein 1
Database Link:	Entrez Gene 333 Human P51693
Background:	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 A β -like peptides with 25, 27 and 28 residues. APL1 β 28 has been suggested to be a surrogate marker for A β 1-42 production in the brain. This antibody was generated by immunization of rabbits with APL1 β 28 coupled to a carrier protein.
Synonyms:	APLP; APLP-1



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