

Product datasheet for **AP50216PU-N**

Amyloid Precursor Protein (APP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Y756 region of human APP
Specificity:	This antibody reacts to Amyloid beta A4 protein.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	amyloid beta precursor protein
Database Link:	Entrez Gene 351 Human P05067
Background:	APP is a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy).



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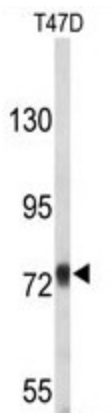
Synonyms: Alzheimer disease amyloid protein, Amyloid Precursor Protein, ABPP, APPI, PreA4, Cerebral vascular amyloid peptide, CVAP

Note: **Molecular Weight:** 86943 Da

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Alzheimer's disease

Product images:



Western blot analysis of purified Pab.