



Rabbit anti Human APP (N-terminal, aa 1-14) polyclonal antibody (CABT-L521)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	N-terminal amino acid sequence 1-14 of human Amyloid β protein
Target	Amyloid β N-terminal
Immunogen	Peptide (DAEFRHDSGYEVHH)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA, IHC, WB
Format	Liquid
Size	1 ml
Preservative	0.1% Sodium Azide
Storage	Short term: Refrigerate at 4°C; Long term: Freeze at -20°C

BACKGROUND

Introduction	Amyloid β ($A\beta$) is the peptide that accumulates in the brain in Alzheimer's disease and certain classes of cerebrovascular angiopathy. Alzheimer's disease (AD) is characterized by the progressive formation in the brain of insoluble amyloid plaques and vascular deposits consisting of the 4-kD $A\beta$ -peptide. $A\beta$ generation is initiated by proteolytic cleavage of the
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amyloid precursor protein (APP) at the N-terminal of A β by β -secretase. The A β peptide is then released by proteolytic cleavage at its C-terminus by γ -secretase. The insoluble A β peptide forms aggregates in the vessels and senile plaques of AD brains.

Keywords	APP;amyloid beta precursor protein;AAA;AD1;PN2;ABPP;APPI;CVAP;ABETA;PN-II;CTFgamma
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GENE INFORMATION

Entrez Gene ID	351
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UniProt ID	P05067
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