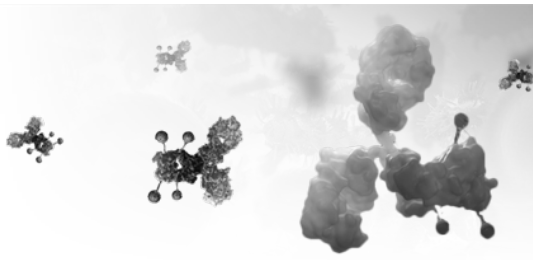

Goat anti Human APP (C-terminal, aa 681-695) polyclonal antibody (CABT-L522)

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

PRODUCT INFORMATION

Specificity	C-terminal amino acid sequence 681-695 of human Amyloid precursor protein
Target	Amyloid Precursor Protein C-terminal
Immunogen	Peptide (GYENPTYKFFEQMQN)
Source/Host	Goat
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	The amyloid precursor protein (APP) is a large membrane protein whose C-terminus projects into the extracellular space. In Alzheimer`s disease (AD), the APP is proteolytically cleaved at the N-terminal of Aβ by β-secretase (BACE) to release a ~100 kD APPsβ protein into the extracellular space. The remaining 12 kD fragment remains membrane bound where it can be cleaved at its C-terminus by γ-secretase (presenilins) to release the insoluble Aβ peptide into

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	the extracellular space with the ~8 kD APP C-terminal fragment (CTFβ) remaining membrane bound. The APP is the subject of intensive investigations to determine how this protein is broken down abnormally in AD brains to give rise to Aβ, which is present in senile plaques and vessels.
Keywords	APP;amyloid beta precursor protein;AAA;AD1;PN2;ABPP;APPI;CVAP;ABETA;PN-II;CTFgamma

GENE INFORMATION

Entrez Gene ID	351
UniProt ID	P05067

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