

## Amyloid-beta Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP06254
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Amyloid- $\beta$ at AA range: 631-680
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Amyloid-beta
Synonyms	amyloid beta (A4) protein; ABETA; ABPP; APP; APPI; amyloid beta A4; beta amyloid; Amyloid-Beta; Amyloid Beta; AB

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes 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. In addition, two of the peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene.

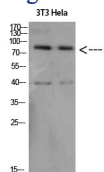
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of 3T3 HeLa cells using Amyloid- $\beta$  Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year