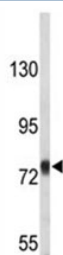


## Amyloid beta Precursor Protein Antibody (F51499)

Catalog No.	Formulation	Size
F51499-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51499-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Pig, Primate, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P05067
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This Amyloid beta precursor protein antibody is available for research use only.



Western blot analysis of Amyloid beta precursor protein antibody in T47D lysate.  
Predicted molecular weight 79~120kDa depending on glycosylation level.

## Description

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).

## Application Notes

Titration of the Amyloid beta precursor protein antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 735-763 from the human protein was used as the immunogen for this Amyloid beta precursor protein antibody.

## **Storage**

Aliquot the Amyloid beta precursor protein antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.