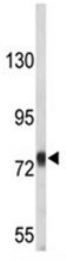
Amyloid beta Precursor Protein Antibody (F51499)

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

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Pig, Primate
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P05067
Applications	Western blot: 1:1000
Limitations	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).

For a monoclonal targeting the same protein family and amyloid-associated region, see our Amyloid Beta Antibody APP/3345 / Beta Amyloid Antibody page.

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.

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