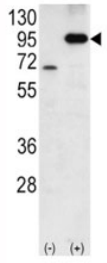
Amyloid beta Antibody (F49577)

Catalog No.	Formulation	Size
F49577-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49577-0.08ML	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	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P05067
Applications	Western blot: 1:1000
Limitations	This Amyloid beta antibody is available for research use only.



Western blot analysis of Amyloid beta antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the APP gene (2). 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. AÃŽÂ² is the main component of amyloid plaques (extracellular deposits found in the brains of patients with Alzheimer's disease).[19] Similar plaques appear in some variants of Lewy body dementia and in inclusion body myositis (a muscle disease), while AÃŽÂ² can also form the aggregates that coat cerebral blood vessels in cerebral amyloid angiopathy. [Wiki]

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 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 736-770 from the human protein was used as the immunogen for this Amyloid beta antibody.

Storage

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

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