

Datasheet for ABIN3029926
anti-APP antibody (AA 736-770)



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2 Images

Overview

Quantity:	0.4 mL
Target:	APP
Binding Specificity:	AA 736-770
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 736-770 from the human protein was used as the immunogen for this Amyloid beta antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Pig, Primate, Rat
Purification:	Purified

Target Details

Target:	APP
Alternative Name:	Amyloid beta Precursor Protein (APP) (APP Products)
Background:	APP is a cell surface receptor and transmembrane precursor protein that is cleaved by

Target Details

secretases to form a number of peptides. Aβ, 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 Aβ, can also form the aggregates that coat cerebral blood vessels in cerebral amyloid angiopathy. [Wiki]

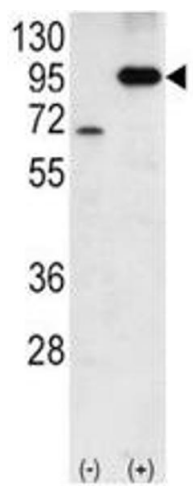
UniProt:	P05067
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Titration of the Amyloid beta antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

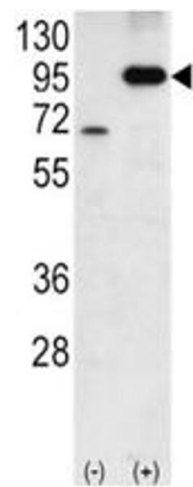
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Amyloid beta antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of Amyloid beta antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the APP gene (2).



Western Blotting

Image 2. Western blot analysis of Amyloid beta antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the APP gene (2).