

Datasheet for ABIN3029685
anti-APP antibody (AA 735-763)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	APP
Binding Specificity:	AA 735-763
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 735-763 from the human protein was used as the immunogen for this Amyloid beta precursor protein antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Pig, Primate, Rat
Purification:	Antigen affinity purified

Target Details

Target:	APP
Alternative Name:	Amyloid beta Precursor Protein (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. 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).

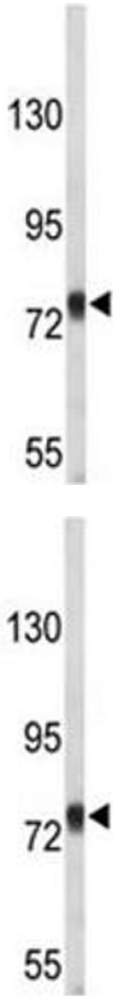
UniProt:	P05067
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Titration of the Amyloid beta precursor protein 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 precursor protein antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of Amyloid beta precursor protein antibody in T47D lysate

Western Blotting

Image 2. Western blot analysis of Amyloid beta precursor protein antibody in T47D lysate