

Datasheet for ABIN7539850
anti-APP antibody (AA 483-699)



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Overview

Quantity:	100 µL
Target:	APP
Binding Specificity:	AA 483-699
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APP antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC)

Product Details

Purpose:	APP Antibody
Immunogen:	Purified recombinant fragment of human APP (AA: 483-699) expressed in E. Coli.
Clone:	3F12F6
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	APP
Alternative Name:	APP (APP Products)
Background:	This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved

Target Details

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). Multiple transcript variants encoding several different isoforms have been found for this gene.

Molecular Weight:	87 kDa
Gene ID:	351
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:	ELISA: 1/10000 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.