

Datasheet for ABIN7539630 **anti-APP antibody**



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Overview

Quantity:	100 µL
Target:	APP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	APP Antibody
Immunogen:	Purified recombinant fragment of APP expressed in E. Coli.
Clone:	1B11F3
Isotype:	IgG2a
Purification:	Ascitic fluid

Target Details

Target:	APP
Alternative Name:	APP (APP Products)
Background:	Amyloid precursor protein(APP) ,with 32-amino acid protein (about 35 kDa), is part of a super-family of transmembrane and secreted proteins. It appears to have a number of roles, including

Target Details

regulation of haemostasis and mediation of neuroprotection. APP undergoes alternative splicing, resulting in several isoforms . Proteolytic cleavage of amyloid precursor protein leads to the formation of the 4 kDa amyloid beta/A4 protein, which is present in human platelets. APP is also involved in the formation of neurofibrillary tangles and plaques that characterize the senile plaques of Alzheimer patients.

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

Restrictions: For Research Use only

Handling

Buffer: Ascitic fluid containing 0.03 % 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.