

APP Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3013
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of APP expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IHC
Concentration	N/A
Full name	N/A
Synonyms	APP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 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.

Recommended Dilution

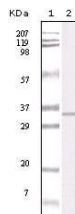
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

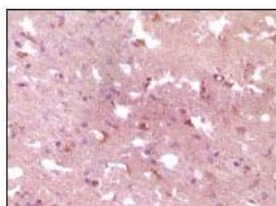
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using APP mouse mAb against truncated APP recombinant protein.



Immunohistochemical analysis of paraffin-embedded human Alzheimer brain tissue, showing cytoplasmic localization using APP mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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