Product Name: APP Mouse Monoclonal Antibody
Catalog #: AMM80541

Summary

Production Name	APP Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	APP
Alternative Names	APP
Gene ID	351.0
SwissProt ID	P05067. Purified recombinant fragment of APP expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	/

Background

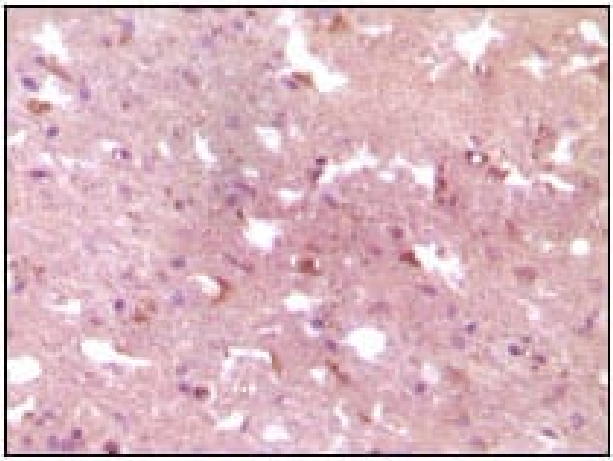
Amyloid precursor protein(APP) ,with 32-amino acid protein (about 35 kDa), is part of a super-family of transmembrane and secreted proteins. It appears to have a number of roles, including regulation of haemostasis and mediation of

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.

Research Area

Apoptosis,Notch signaling pathway

Image Data



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

Note

For research use only.