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[Primary Antibody]

Recombinant Rabbit Anti-APP Monoclonal Antibody

Catalog Number: SLA0349M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Clone No.:	3D12
GeneID:	351
SWISS:	P05067
Target:	APP
Immunogen:	KLH conjugated synthetic peptide derived from human beta-Amyloid (1-40)
Purification:	affinity purified by Protein A
Storage:	0.01M PBS (pH7.4). Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	4.2 kDa
Background:	The cerebral and vascular plaques associated with Alzheimer's disease are mainly composed of Amyloid beta peptides. beta Amyloid is derived from cleavage of the Amyloid precursor protein and varies in length from 39 to 43 amino acids. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides result from cleavage of Amyloid precursor protein after residues 40, 42, and 43, respectively. The cleavage takes place by gamma-secretase during the last Amyloid precursor protein processing step. beta Amyloid [1-40], beta Amyloid [1-42], and beta Amyloid [1-43] peptides are major constituents of the plaques and tangles that occur in Alzheimer's disease. beta Amyloid antibodies and peptides have been developed as tools for elucidating the biology of Alzheimer's disease.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.