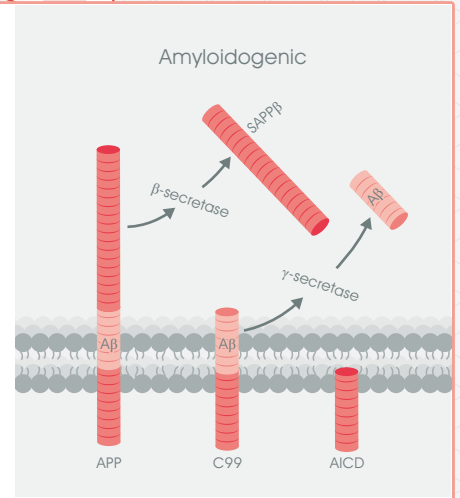


# Alzheimer's Disease

abcam

阿茲海默氏症研究工具

阿茲海默氏症的特徵是大腦中存在有類澱粉蛋白斑塊 (amyloid plaques)，該斑塊是由類澱粉前驅蛋白 (amyloid precursor protein, APP) 經由異常的酵素切割反應所產生的大量乙型類澱粉肽 ( $\beta$ -amyloid,  $A\beta$ ) 堆疊沈積而成，具有神經毒性，能引發神經微膠細胞 (microglia) 與星狀細胞 (astrocyte) 的過度活化，進而造成神經發炎反應 (neuroinflammation)，最終導致大腦功能失調。詳細產品資訊與最新優惠訊息，歡迎洽詢 Abcam 台灣代理 — 伯森生技。



## Beta Amyloid ( $A\beta$ )

### 抗體

Target	Reactivity	Application	Cat. No.	Target	Reactivity	Application	Cat. No.
beta Amyloid 1-42	Hu, Ms	IHC, WB, Dot	ab201061 ●	Amyloid Fibril	Hu	IHC, Dot	ab205341 ●
	Hu	IHC, Dot	ab205340 ●		Hu, Ms	IHC, Dot	ab201062 ●
	Hu, Ms	IHC, Dot	ab201059 ●		Hu	IHC, Dot	ab205342 ●
	Hu, Ms	IHC, WB, Dot	ab201060 ●		Hu	IHC, Dot	ab205339 ●

● = RabMAb®, rabbit monoclonal antibody, Hu = Human, Ms = Mouse, Rb = Rabbit

### 近紅外螢光探針 (NIRF Probes)

適用於體內實驗 (in vivo)  
檢測可溶性與不溶性  $A\beta$

Target	$\lambda_{em}/\lambda_{ex}$ (nm)	Cat. No.
$A\beta$ 42 and $A\beta$ 40 monomers, $A\beta$ 40 fibrils	630/672	CRANAD-58 (ab146926)
$A\beta$ 42 fibrils	596/685	MCAAD-3 (ab216983)
$A\beta$ 40 fibrils	640/715	CRANAD-2 (ab141775)

### 相關研究試劑

Product	Cat. No.
beta-Amyloid Peptide (1-42) (human)	ab120301
Human Amyloid beta 1-40 ELISA Kit	ab193692
Tramiprosate (Binds soluble amyloid- $\beta$ )	ab141116
2,3-Butanedione (Accelerates amyloid- $\beta$ aggregation)	ab144942
Isoflurane (Induces amyloid- $\beta$ accumulation)	ab145581

## Amyloid Precursor Protein (APP)

Type	Product	Cat. No.	Type	Product	Cat. No.
<b><math>\beta</math>-Secretase / BACE1</b>			<b><math>\gamma</math>-Secretase</b>		
抗體	Anti-BACE1 antibody	ab2077	抑制劑	$\gamma$ -Secretase Inhibitor I	ab145891
蛋白質	Recombinant human BACE1 protein (Active)	ab168075	抑制劑	Boc-Gly-Val-Val-CHO (Boc-GW-CHO)	ab141722
抑制劑	$\beta$ -Secretase Inhibitor II (Z-VLL-CHO)	ab146640	抑制劑	Compound E	ab142164
分析套組	$\beta$ -Secretase Activity Assay Kit (Fluorometric)	ab65357	抑制劑	DAPT	ab120633
<b>Presenilin 1 / PS1</b>			抑制劑	L-685,458	ab141414
抗體	Anti-Presenilin 1 antibody [EP2000Y]	ab76083	<b>Presenilin 2 / PS2</b>		
蛋白質	Recombinant Human Presenilin 1 protein	ab114286	抗體	Anti-Presenilin 2 antibody [EP1515Y]	ab51249

