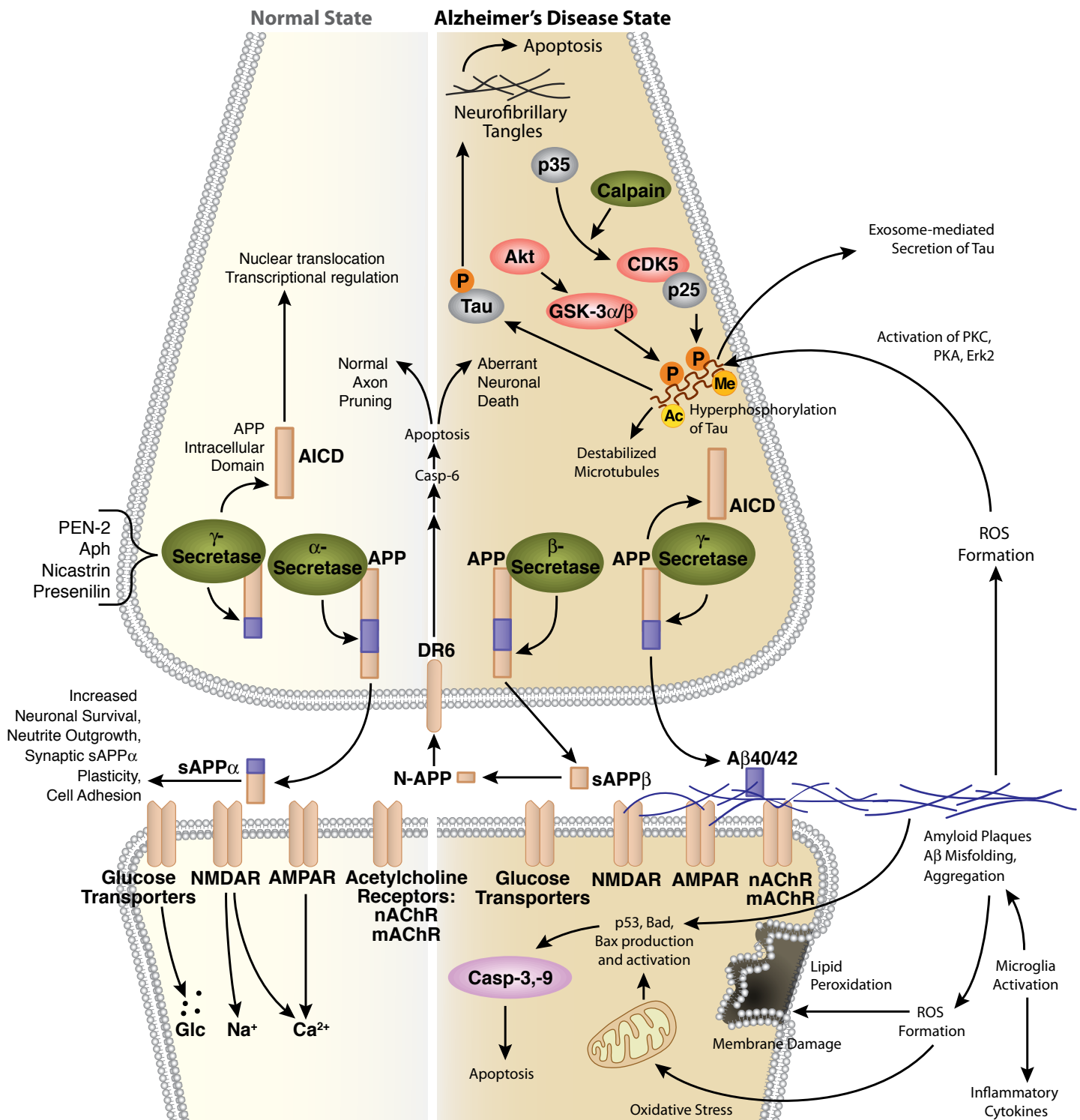


Alzheimer's Disease Signaling Pathways

Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease



Key Products for Alzheimer's Disease

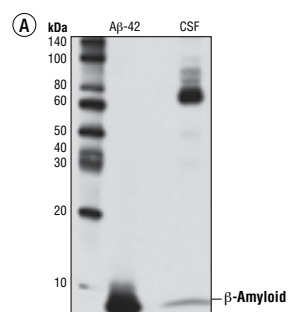
Visit www.cellsignal.com/alzheimerslist for full listing of antibodies, related kits, and reagents.

ANTIBODIES

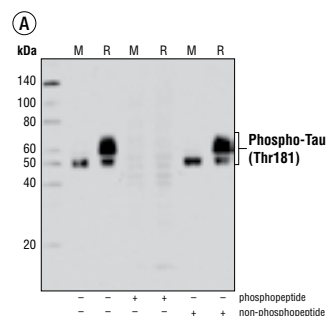
	APPLICATIONS	REACTIVITY
#5831 AMPKα (D5A2) Rabbit mAb	WB, IP	H, M, R, Mk, B
#2603 AMPKα (23A3) Rabbit mAb	WB	H, M, R, Mk
#2532 AMPKα Antibody	WB, IP	H, M, R, Hm, Mk
#2793 AMPKα (F6) Mouse mAb	WB	H, M, R, Hm, Mk
#2535 Phospho-AMPKα (Thr172) (40H9) Rabbit mAb	WB, IP, IHC-P	H, M, R, Hm, Mk, Dm, Sc, (C, Z, B, Pg)
#2531 Phospho-AMPKα (Thr172) Antibody	WB	H, M, R, Mk, (C, B, Pg)
#2795 AMPKα1 Antibody	WB	H, Mk, (Pg)
#2537 Phospho-AMPKα1 (Ser485) (45F5) Rabbit mAb	WB	H, M, R, Mk
#8243 β-Amyloid (D54D2) XP® Rabbit mAb	WB, IP, IF-P	H, M
#9888 β-Amyloid (D12B2) Rabbit mAb	WB, IHC-P	H, M
#2454 β-Amyloid Antibody	WB, IHC-P, IF-P	H, (R, B, Dg, Pg)
#15126 β-Amyloid (D3D2N) Mouse mAb	WB, IHC-P, IF-F	H, M
#12467 β-Amyloid (1-37 Specific) (D2A6H) Rabbit mAb	WB	H, (M, R, B)
#12990 β-Amyloid (1-40 Specific) (D8Q7I) Rabbit mAb	WB, IF-F	H, (M, R, B)
#14974 β-Amyloid (1-42 Specific) (D9A3A) Rabbit mAb	WB, IF-F	H, M, (R)
#14975 β-Amyloid (pE3 Peptide) (D5N5H) Rabbit mAb	WB, IHC-P, IF-F	H, M
#12731 APBA2 (D8A6) Rabbit mAb	WB, IP	H, M, R
#3350 ApoA1 (5F4) Mouse mAb	WB, IP	H
#13366 ApoE (pan) (D7I9N) Rabbit mAb	WB, IP, IHC-P	H
#8941 ApoE4 (4E4) Mouse mAb	WB	H
#2450 APP/β-Amyloid (NAB228) Mouse mAb	WB, IHC-P, IF-P	H, Mk, B, (Dg, Pg)
#2452 APP Antibody	WB, IF-IC	H, M, R, Mk
#6986 Phospho-APP (Thr668) (D90B8) Rabbit mAb	WB, IP	H, M, R
#5606 BACE (D10E5) Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R
#3373 Cathepsin B (G60) Antibody	WB	H
#3383 Cathepsin B (H190) Antibody (Mouse Preferred)	WB	H, M
#5478 CD2AP (A599) Antibody	WB, IP, IF-IC	H, M
#24840 Cystatin C (D6U3E) Rabbit mAb	WB, IP	H
#2877 FE65 Antibody	WB	M, R, (H)
#14321 NAE1/APPBP1 (D9I4Z) Rabbit mAb	WB	H, M, R, Mk, (B, Dg)
#9447 Nicastrin (D65G7) Rabbit mAb	WB, IP	H, M, R, Mk
#8502 PEN2 (D2G6) Rabbit mAb	WB, IP	H, M, R, Mk
#5643 Presenilin 1 (D39D1) Rabbit mAb	WB, IP	H, M, R, Mk
#9979 Presenilin 2 (D30G3) Rabbit mAb	WB, IP	H, M, R
#3480 Pyk2 (5E2) Mouse mAb	WB, IP	H, M
#3291 Phospho-Pyk2 (Tyr402) Antibody	WB, IP	H, M, (R)
#4019 Tau (Tau46) Mouse mAb	WB, IHC-P, IF-P, IF-F	H, M, R, (B)
#12885 Phospho-Tau (Thr181) (D9F4G) Rabbit mAb	WB, IP, IHC-P	H, M, R
#11834 Phospho-Tau (Ser202) Antibody	WB	H, M, R
#9632 Phospho-Tau (Ser396) (PHF13) Mouse mAb	WB	M, R, (H)
#11837 Phospho-Tau (Ser400/Thr403/Ser404) Antibody	WB	H, M, R
#15013 Phospho-Tau (Ser416) (D7U2P) Rabbit mAb	WB, IP, IHC-P	H, M, R
#91068 TREM2 (D8I4C) Rabbit mAb	WB, IP, IF-IC	H

RELATED KITS AND ASSAYS

#9784 Alzheimer's Disease Antibody Sampler Kit
#12592 β-Amyloid Peptides Antibody Sampler Kit
#5887 γ Secretase Antibody Sampler Kit
#9839 AMPK Subunit Antibody Sampler Kit
#7959 PathScan® Phospho-AMPKα (Thr172) Sandwich ELISA Kit



β-Amyloid (D54D2) XP® Rabbit mAb #8243: WB analysis of human Aβ-42 peptide (1 ng) and human cerebrospinal fluid (CSF) of an AD patient (**A**) using #8243. Confocal IF analysis of paraffin-embedded human Alzheimer's brain (**B**) using #8243 (green) and Tau (Tau46) Mouse mAb #4019 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



Phospho-Tau (Thr181) (D9F4G) Rabbit mAb #12885: WB analysis of extracts from mouse and rat brain (**A**) using #12885. The phospho-specificity of Phospho-Tau (Thr181) (D9F4G) Rabbit mAb was verified by peptide blocking using a phosphopeptide or non-phosphopeptide targeting residue Thr181. IHC analysis of paraffin-embedded human Alzheimer's brain (**B**) using #12885.

Tau (Tau46) Mouse mAb #4019: Confocal IF analysis of mouse dentate gyrus stained with #4019 (red) and CREB (86B10) Mouse mAb #9104 (blue).

β-Amyloid (1-42 Specific) (D9A3A) Rabbit mAb #14974: IF analysis of Tg2576 mouse model of Alzheimer's brain using #14974 (green) and β3-Tubulin (TU-20) Mouse mAb #4466 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

APPLICATIONS & REACTIVITY KEY: **WB** Western Blotting / **IP** Immunoprecipitation / **IHC** Immunohistochemistry / **IF** Immunofluorescence / **F** Flow Cytometry / **ChIP** Chromatin Immunoprecipitation / **-IC** Immunocytochemistry / **-P** Paraffin / **-F** Frozen / **E-P** Peptide ELISA / **H** human / **M** mouse / **R** rat / **Hm** hamster / **Mk** monkey / **C** chicken / **Mi** mink / **Dm** D. melanogaster / **X** Xenopus / **Z** zebra fish / **B** bovine / **Dg** dog / **Pg** pig / **Sc** S. cerevisiae / **All** all species expected / () 100% sequence homology

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