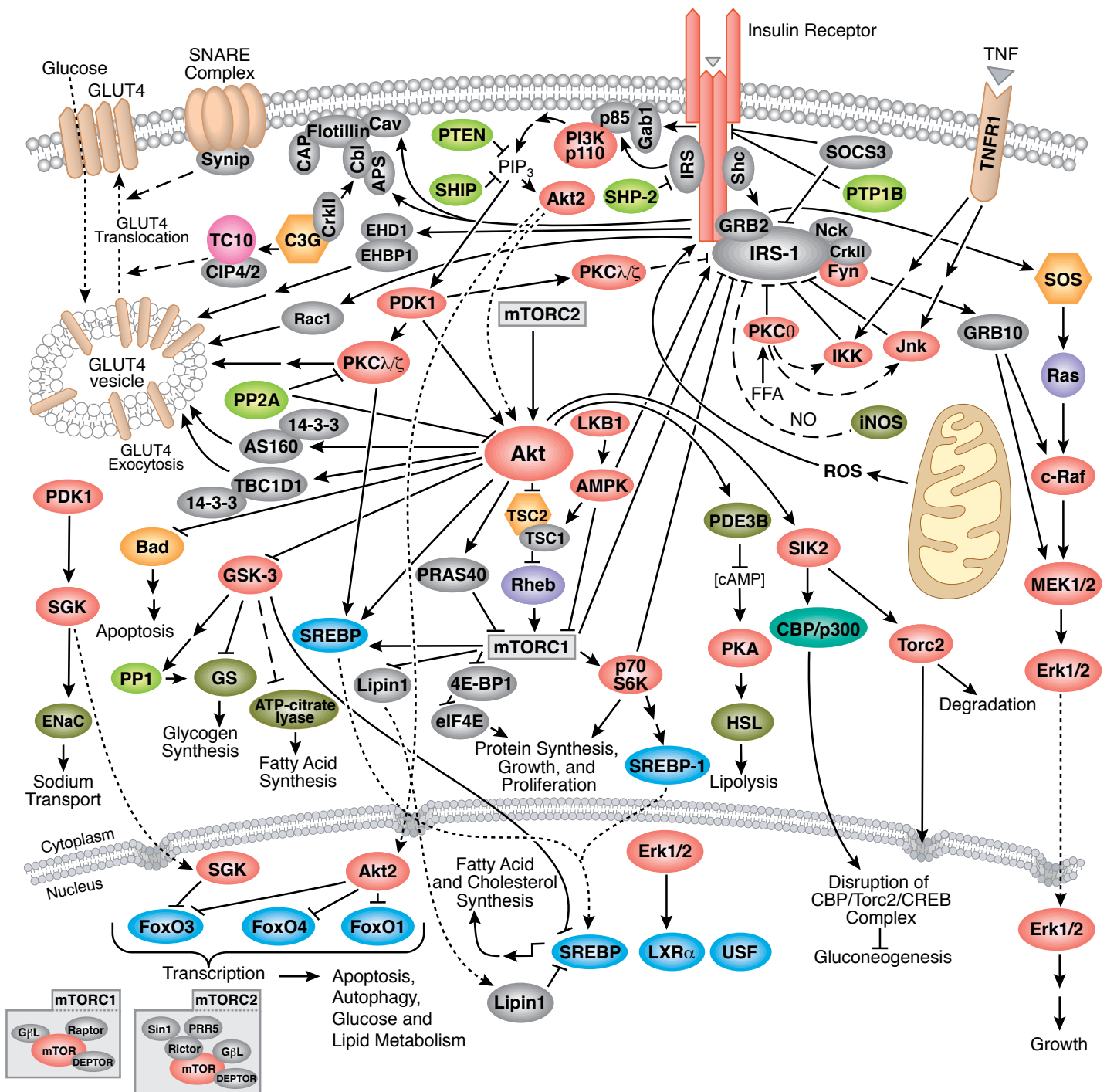


Insulin & Glucose Signaling





Key Products for Insulin & Glucose Signaling

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

ANTIBODIES

	APPLICATIONS	REACTIVITY
#9644 4E-BP1 (53H11) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#4691 Akt (pan) (C67E7) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk, Dm, (Pg)
#4060 Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC, F	H, M, R, Hm, Mk, Dm, Z, B, (C, X, Dg, Pg)
#3063 Akt2 (D6G4) Rabbit mAb	WB, IP	H, M, R, Mk
#8599 Phospho-Akt2 (Ser474) (D3H2) Rabbit mAb (Akt2 Specific)	WB, IP	H, M, R
#5832 AMPKα (D63G4) Rabbit mAb	WB, IP	H, M, R, Mk, B
#2535 Phospho-AMPKα (Thr172) (40H9) Rabbit mAb	WB, IP, IHC-P	H, M, R, Hm, Mk, Dm, Sc, (C, Z, B, Pg)
#2670 AS160 (C69A7) Rabbit mAb	WB, IP	H, M, R
#11815 ATF-4 (D4B8) Rabbit mAb	WB, IP, IF-IC, ChIP	H, M, R
#7389 CBP (D6C5) Rabbit mAb	WB, IP, IF-IC, ChIP	H, M, R, Mk
#12311 DNA-PK (3H6) Mouse mAb	WB, IHC-P, IF-IC	H, Mk
#2067 eIF4E (C46H6) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
#3180 Fatty Acid Synthase (C20G5) Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC	H, M, R, (B)
#2880 FoxO1 (C29H4) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#12829 FoxO3a (D19A7) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R
#12939 Glut1 (D3J3A) Rabbit mAb	WB, IP	H, M, R
#2213 Glut4 (1F8) Mouse mAb	WB	H, M, R
#3886 Glycogen Synthase (15B1) Rabbit mAb	WB, IP, IHC-P	H, M, R
#12456 GSK-3β (D5C5Z) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#2024 Hexokinase I (C35C4) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M
#2867 Hexokinase II (C64G5) Rabbit mAb	WB	H, M, R, Mk
#18381 HSL (D6W5S) XP® Rabbit mAb	WB, IP, IF-IC	H, M
#9750 IGF-I Receptor β (D23H3) XP® Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Mk
#3014 Insulin (C27C9) Rabbit mAb	IHC-P, IF-F, IF-IC, F	H, M, R
#3025 Insulin Receptor β (4B8) Rabbit mAb	WB, IP	H, M, R
#2382 IRS-1 Antibody	WB, IP	H, M, R
#3047 LKB1 (D60C5) Rabbit mAb	WB	H, M, R, Mk
#3482 Phospho-LKB1 (Ser428) (C67A3) Rabbit mAb	WB	H, M, R, Mk
#2195 Mnk1 (C4C1) Rabbit mAb	WB	H, M
#2983 mTOR (7C10) Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk, (Hr)
#5536 Phospho-mTOR (Ser2448) (D9C2) XP® Rabbit mAb	WB, IP, IF-IC	H, M, Mk, (R, C, Pg, Hr)

ANTIBODIES

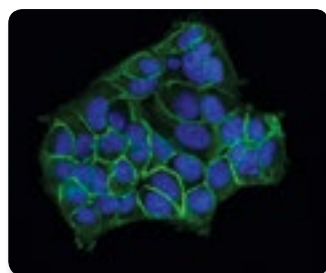
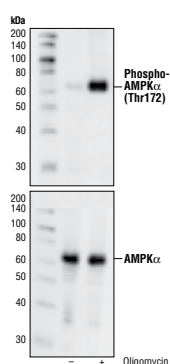
	APPLICATIONS	REACTIVITY
#13120 iNOS (D6B6S) Rabbit mAb	WB, IP, IF-IC, F	M
#4370 Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Hm, Mk, Mi, Dm, Z, B, Dg, Pg, Sc, (C)
#2708 p70 S6 Kinase (49D7) Rabbit mAb	WB, IHC-P	H, M, R, Mk
#9234 Phospho-p70 S6 Kinase (Thr389) (108D2) Rabbit mAb	WB	H, M, R, Mk, (C)
#12940 PCK1 (D12F5) Rabbit mAb	WB	H, M, R, Mk
#5662 PDK1 (D37A7) Rabbit mAb	WB	H, M, R, Hm, Mk
#3438 Phospho-PDK1 (Ser241) (C49H2) Rabbit mAb	WB, IP	H, M, R
#4249 PI3 Kinase p110α (C73F8) Rabbit mAb	WB, IP, IHC-P	H, M, R, B
#9368 PKCζ (C24E6) Rabbit mAb	WB	H, M, R, Mk
#7067 PKM1 (D30G6) XP® Rabbit mAb	WB, IHC-P, IF-F, IF-IC	H, M
#4053 PKM2 (D78A4) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
#2691 PRAS40 (D23C7) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
#2997 Phospho-PRAS40 (Thr246) (C77D7) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
#9188 PTEN (D4.3) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk, Dg, (C)
#9549 Phospho-PTEN (Ser380/Thr382/383) (44A7) Rabbit mAb	WB	H, M, R, Mk, (C)
#2280 Raptor (24C12) Rabbit mAb	WB, IP	H, M, R, Mk
#13879 Rheb (E1G1R) Rabbit mAb	WB, IP	H, M, R, Mk
#9476 Rictor (D16H9) Rabbit mAb	WB	H, M
#3806 Phospho-Rictor (Thr1135) (D30A3) Rabbit mAb	WB	H, M, Mk
#11998 SDHA (D6J9M) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Hm, Mk
#3397 SHP-2 (D50F2) Rabbit mAb	WB, IP	H, M, R, Mk
#6919 SIK2 (D28G3) Rabbit mAb	WB, IP	H, M, (R)
#2429 Thioredoxin 1 (C63C6) Rabbit mAb	WB, IHC-P	H, M, R
#4308 Tuberlin/TSC2 (D93F12) XP® Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Hm, Mk
#14715 TXNIP (D5F3E) Rabbit mAb	WB, IP	H, M, R, Mk

RELATED KITS AND REAGENTS

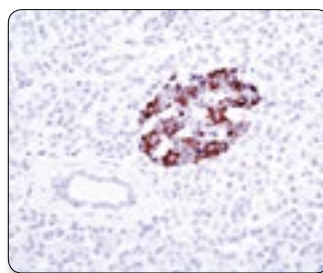
#12879 IRS-1 Inhibition Antibody Sampler Kit
#7135 PathScan® Phospho-Akt (Thr308) Chemiluminescent Sandwich ELISA Kit
#7258 PathScan® Phospho-Insulin Receptor β (Tyr1150/1151) Sandwich ELISA Kit
#7177 PathScan® Phospho-p44/42 MAPK (Thr202/Tyr204) Sandwich ELISA Kit

Phospho-AMPKα (Thr172) (40H9) Rabbit mAb #2535:

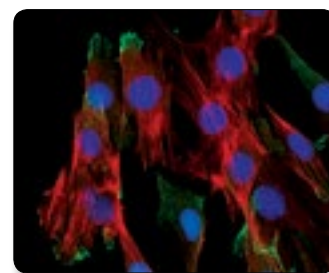
WB analysis of extracts from C2C12 cells, untreated or treated with oligomycin #9996 (0.5 uM), using #2535 (upper) and AMPKα Antibody #2532 (lower).



IGF-I Receptor β (D23H3) XP® Rabbit mAb #9750: Confocal IF analysis of MCF7 cells using #9750 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



Insulin (C27C9) Rabbit mAb #3014: IHC analysis of paraffin-embedded human pancreas, showing the staining of β cells, using #3014.



Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb #4060: Confocal IF analysis of insulin-treated C2C12 cells using #4060 (green). Actin filaments have been labeled with Alexa Fluor® 555 phalloidin #8953 (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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