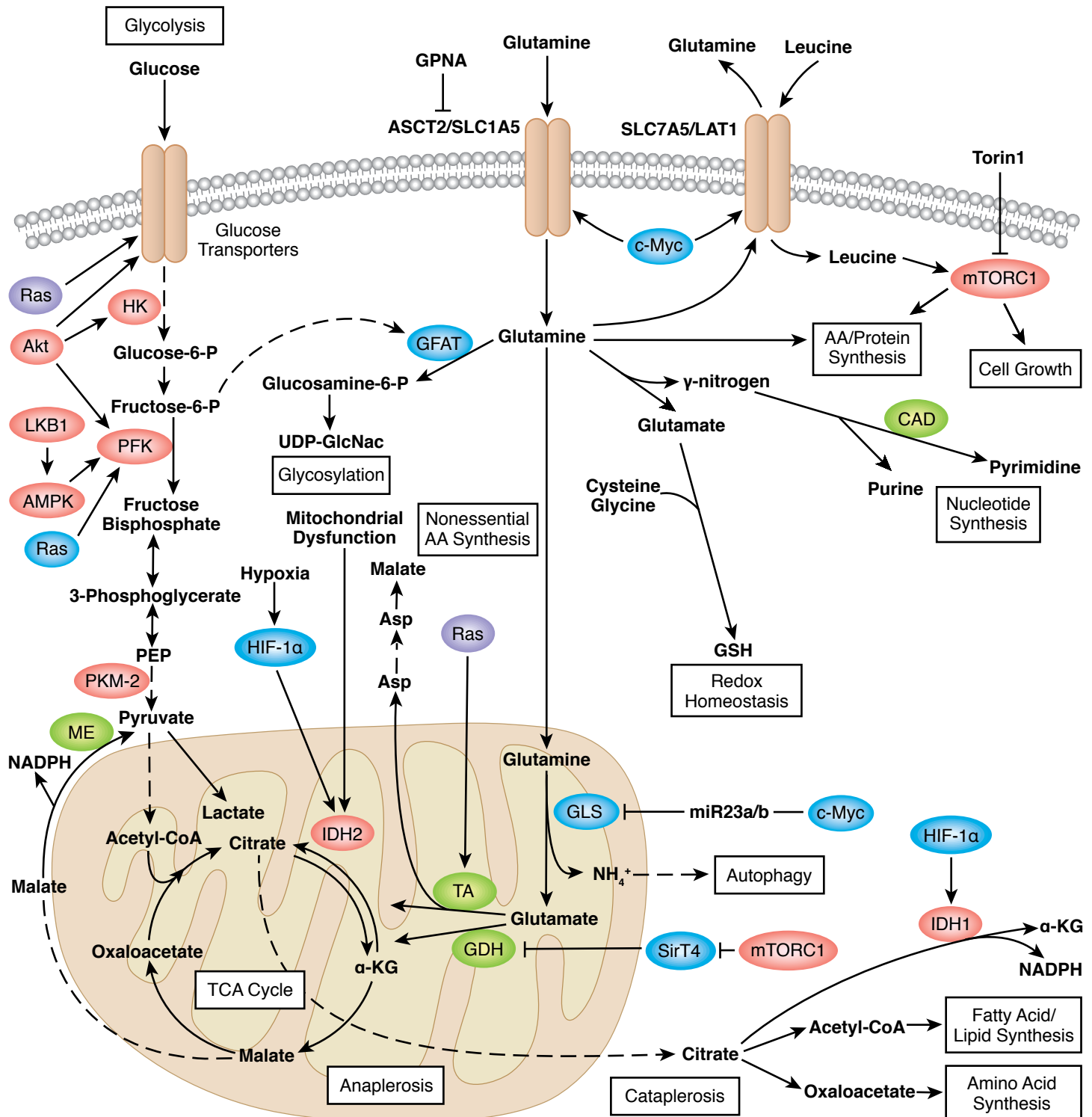


Glutamine Metabolism Signaling



Explore Amino Acid Synthesis with Glutamine Metabolism

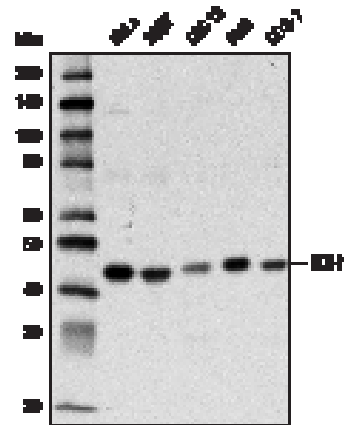
Visit www.cellsignal.com for full listing of antibodies, related kits, and reagents.

ANTIBODIES

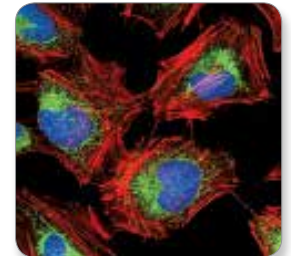
ANTIBODIES	APPLICATIONS	REACTIVITY
#47213 4F2hc/CD98 (D3F9D) XP® Rabbit mAb	WB, IHC-P, IF-IC, F	H
#8057 ASCT2 (D7C12) Rabbit mAb	WB, IP, IF-IC, F	H, Mk
#70720 ASS1 (D404B) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R
#13390 ATP-Citrate Lyase (D1X6P) Rabbit mAb	WB	H, M, R
#93925 CAD (D2T8H) Rabbit mAb	WB, IP	H, M, R
#70307 Phospho-CAD (Ser1859) (D506C) Rabbit mAb	WB, IF-IC	H, M, R
#11816 DEPTOR/DEPDC6 (D9F5) Rabbit mAb	WB, IP, IHC-P	H, R, Mk
#80636 GLUL (D203F) Rabbit mAb	WB, IP	H, M, R
#12939 Glut1 (D3J3A) Rabbit mAb	WB, IP	H, M, R
#12793 Glutamate Dehydrogenase 1/2 (D9F7P) Rabbit mAb	WB, IHC-P, IF-IC	H, M, R, Mk
#3274 GBL (86B8) Rabbit mAb	WB, IP	H, M, R, Mk
#2024 Hexokinase I (C35C4) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M
#2106 Hexokinase II Antibody	WB	H, Mk
#14179 HIF-1α (D2U3T) Rabbit mAb	WB, ChIP, ChIP-seq	H, M, R, Mk
#3434 Hydroxy-HIF-1α (Pro564) (D43B5) XP® Rabbit mAb	WB, IP, IF-IC	H, Mk, (M, R, Mk, C, X, Z, Pg)
#8137 IDH1 (D2H1) Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Mk
#72423 IDH1 (D2H1) Rabbit mAb (PE Conjugate)	F	H, M, R, Mk
#56439 IDH2 (D8E3B) Rabbit mAb	WB, IP	H, M, R
#8975 LAMTOR1/C11orf59 (D11H6) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
#5347 LAT1 Antibody	WB, IP	H
#3582 LDHA (C4B5) Rabbit mAb	WB, IHC-P, IF-IC	H, Mk
#2012 LDHA Antibody	WB	H, M, R, Mk
#8176 Phospho-LDHA (Tyr10) Antibody	WB	H, M, R
#13031 LKB1 (D60C5F10) Rabbit mAb (IHC Formulated)	IHC-P	H, M, Mk
#3482 Phospho-LKB1 (Ser428) (C67A3) Rabbit mAb	WB	H, M, R, Mk
#15506 Malic Enzyme 2 (E1N3E) XP® Rabbit mAb	WB, IHC-P, IF-IC	H, Mk
#35939 Malic Enzyme 2 (E1N3F) XP® Rabbit mAb	WB, IF-IC, F	H, Mk
#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, R, Mk, (R, C, Pg, Hr)
#13987 c-Myc (D3N8F) Rabbit mAb	WB, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk

ANTIBODIES

ANTIBODIES	APPLICATIONS	REACTIVITY
#13748 Phospho-c-Myc (Ser62) (E1J4K) Rabbit mAb	WB	H, M, R
#13029 PFKFB2 (D5I5F) Rabbit mAb	WB, IP, IF-IC	H, Mk
#13123 PFKFB3 (D7H4Q) Rabbit mAb	WB	H, M, R, Mk
#13064 Phospho-PFKFB2 (Ser483) (D4R1WB) Rabbit mAb	WB	H, (M, R)
#13064 Phospho-PFKFB2 (Ser483) (D4R1WB) Rabbit mAb	WB	H, (M, R)
#7067 PKM1 (D30G6) XP® Rabbit mAb	WB, IHC-P, IF-F, IF-IC, F	H, M
#4053 PKM2 (D78A4) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
#3827 Phospho-PKM2 (Tyr105) Antibody	WB	H, M, R, Mk
#3205 Pyruvate Dehydrogenase (C54G1) Rabbit mAb	WB, IHC-P	H, M, R, Mk
#2280 Raptor (24C12) Rabbit mAb	WB, IP	H, M, R, Mk
#2083 Phospho-Raptor (Ser792) Antibody	WB	H, M, R
#14210 SGLT2 Antibody	WB, IP	H



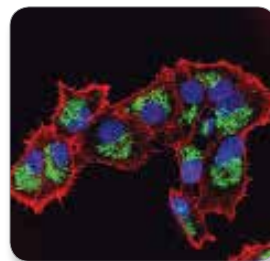
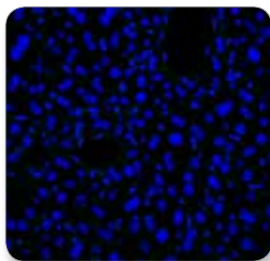
IDH1 (D2H1) Rabbit mAb #8137: Western blot analysis of extracts from various cell lines using #8137.



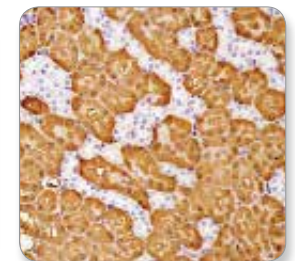
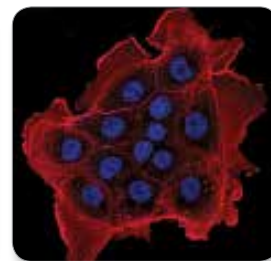
Hexokinase I (C35C4) Rabbit mAb #2024: Confocal immunofluorescent analysis of HeLa cells using #2024 (green). Actin filaments have been labeled with DyLight™ 554 Phalloidin #13054 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



PKM1 (D30G6) XP® Rabbit mAb #7067: Confocal immunofluorescent analysis of mouse skeletal muscle (left) or liver (right) using #7067 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



Malic Enzyme 2 (E1N3E) XP® Rabbit mAb #15506: Confocal immunofluorescent analysis of PANC-1 (left, positive) or BxPC-3 (right, negative) cells using #15506 (green), and β-Actin (8H10D10) Mouse mAb #3700 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



ASS1 (D404B) XP® Rabbit mAb #70720: Immunohistochemical analysis of paraffin-embedded mouse kidney using #70720.

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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