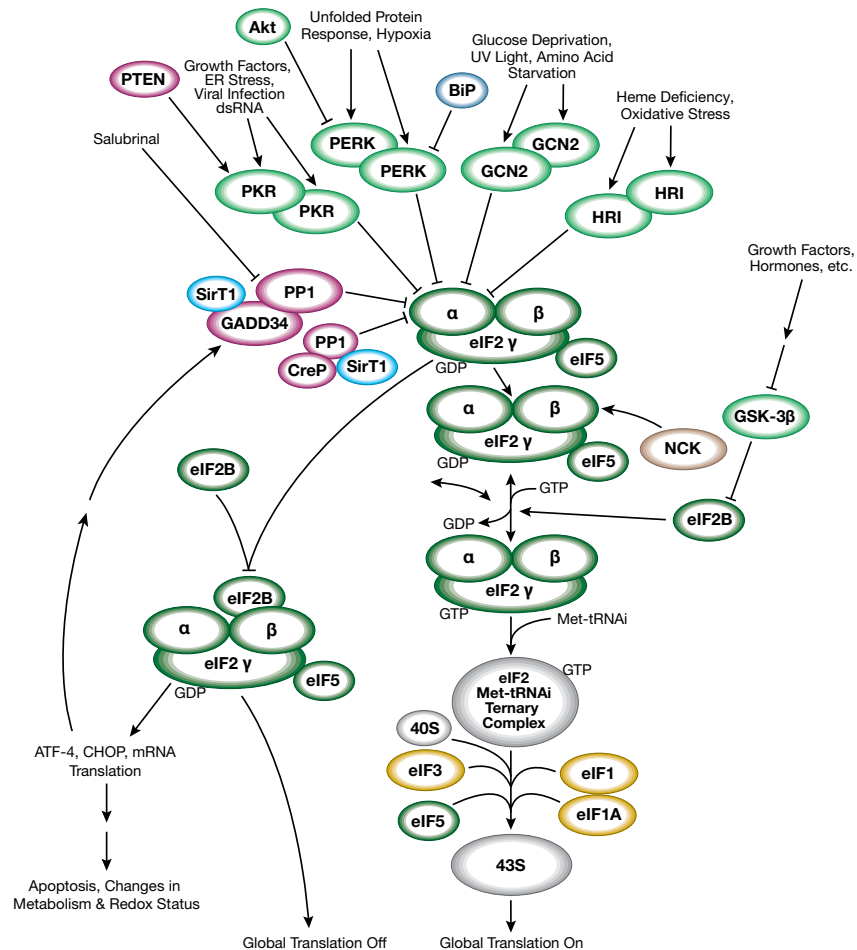
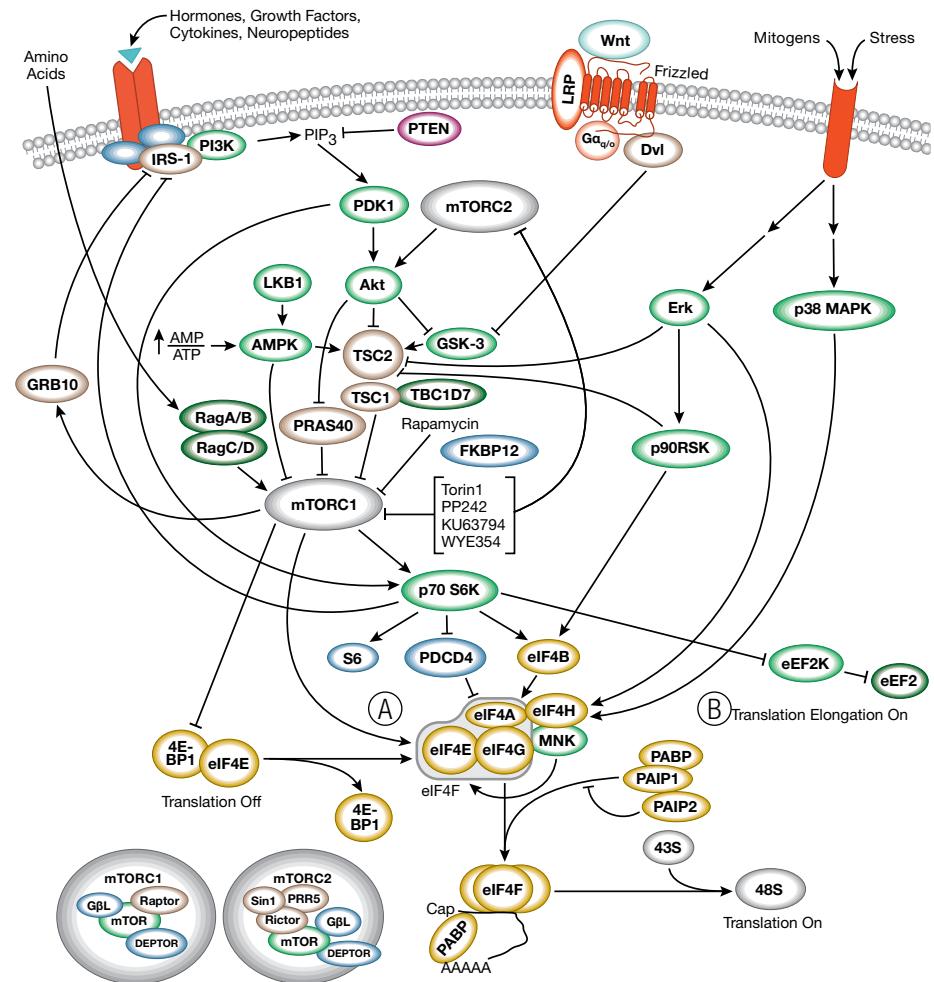


Mitogenic and Stress-induced Regulation of Translation

Regulation of eIF2



Regulation of eIF4E and p70 S6 Kinase



Key Products for Mitogenic and Stress-induced Regulation of Translation

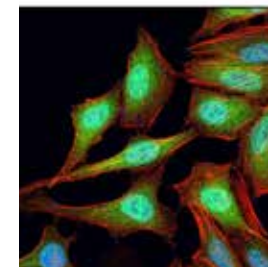
Visit www.cst-science.com/protein-translation for a full listing of antibodies, related kits, and reagents.

PRODUCTS	APPLICATIONS	REACTIVITY
9644 4E-BP1 (53H11) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
4923 Non-phospho-4E-BP1 (Thr46) (87D12) Rabbit mAb	WB, IF-IC, F	H, M, R, Mk
2855 Phospho-4E-BP1 (Thr37/46) (236B4) Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk, Dm
9456 Phospho-4E-BP1 (Ser65) (174A9) Rabbit mAb	WB, IP	H, Mk, (C)
9455 Phospho-4E-BP1 (Thr70) Antibody	WB, IP	H, M, R, Mk
2845 4E-BP2 Antibody	WB, IP, IHC-P, F	H, M, R, Mk, B
11816 DEPTOR/DEPDC6 (D9F5) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
2551 eEF1A Antibody	WB, IF-IC	H, M, R, Mk, (X)
2332 eEF2 Antibody	WB, IF-IC	H, M, R, Mk, Dm, (Hm, C)
2331 Phospho-eEF2 (Thr56) Antibody	WB	H, M, R, Hm, Mk, C
5324 eIF2α (D7D3) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
3398 Phospho-eIF2α (Ser51) (D9G8) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk, Dm
2103 eIF2α (L57A5) Mouse mAb	WB, IHC-P	H, M, R, Mk
3411 eIF3A (D51F4) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
2013 eIF4A (C32B4) Rabbit mAb	WB	H, M, R, Mk
2490 eIF4A1 Antibody	WB	H, M, R, Mk
3592 eIF4B Antibody	WB	H, M, R, Mk
3591 Phospho-eIF4B (Ser422) Antibody	WB	H, M, R, Mk
2067 eIF4E (C46H6) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
9741 Phospho-eIF4E (Ser209) Antibody	WB	H, M, R, Mk
2469 eIF4G (C45A4) Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk
2441 Phospho-eIF4G (Ser1108) Antibody	WB, IP, IF-IC	H, M, R, Hm, Mk, B
5169 eIF4G2/p97 (D88B6) XP® Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Mk
14980 eRF3 Antibody	WB	H, M, R, Mk
65981 GCN2 (E7G7E) Rabbit mAb	WB, IP, IF-IC	H
3302 GCN2 Antibody	WB, IP	H, M, R, Mk
11817 Phospho-GRB10 (Ser476) (D4E6) Rabbit mAb	WB, IP	H, M, (R)
3702 GRB10 Antibody	WB, IP	H
2195 Mnk1 (C4C1) Rabbit mAb	WB	H, M
2111 Phospho-Mnk1 (Thr197/202) Antibody	WB	H, M, R, Mk

PRODUCTS	APPLICATIONS	REACTIVITY
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)
4992 PABP1 Antibody	WB, IHC-P	H, M, R, Mk, (X, Z, B)
5662 PDK1 (D37A7) Rabbit mAb	WB	H, M, R, Hm, Mk
3438 Phospho-PDK1 (Ser241) (C49H2) Rabbit mAb	WB, IP	H, M, R
3192 PERK (C33E10) Rabbit mAb	WB	H, M, R, Mk
3179 Phospho-PERK (Thr980) (16F8) Rabbit mAb	WB	R, (M)
12297 PKR (D7F7) Rabbit mAb	WB, IP	H
2691 PRAS40 (D23C7) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
5936 Phospho-PRAS40 (Ser183) Antibody	WB, IP	H, M, (R)
13175 Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
5439 SKAR α/β (D65E8) XP® Rabbit mAb	WB, IF-IC	H, M, R, Mk
3235 SKAR Antibody	WB	H, M, R, Mk

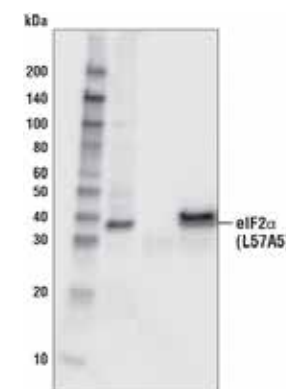
KITS AND RELATED REAGENTS

7216 PathScan® Phospho-4E-BP1 (Thr37/Thr46) Sandwich ELISA Kit
9955 4E-BP Antibody Sampler Kit
7286 PathScan® Phospho-eIF2α (Ser51) Sandwich ELISA Kit
7952 PathScan® Total eIF2α Sandwich ELISA Kit
39182 PhosphoPlus® mTOR (Ser2448) Antibody Duet
12185 PhosphoPlus® PERK (Thr980) Antibody Duet
64815 PhosphoPlus® PRAS40 (Thr246) Antibody Duet
7327 PathScan® Phospho-PRAS40 (Thr246) Sandwich ELISA Kit
4763 Translation Initiation Complex Antibody Sampler Kit
9918 Translational Control Antibody Sampler Kit



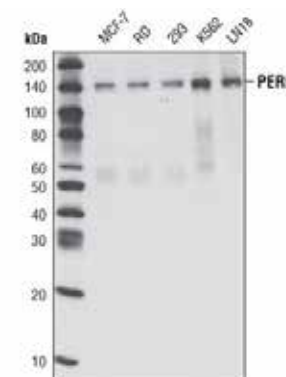
4E-BP1 (53H11) Rabbit mAb #9644:

Confocal IF analysis of HeLa cells using #9644 (green). Actin filaments have been labeled with Alexa Fluor® 555 Phalloidin #8953 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



eIF2α (D7D3) XP® Rabbit mAb #5324:

IP/WB analysis of lysates from HeLa cells. Lane 1 contains lysate input (10%), lane 2 was immunoprecipitated with non-specific rabbit IgG, lane 3 was immunoprecipitated with #5324. Western blot analysis was performed using eIF2α (L57A5) Mouse mAb #2103.



PERK (C33E10) Rabbit mAb #3192:

WB analysis of extracts from various cell types using #3192.

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For pathway key and background, please visit:

www.cst-science.com/translation