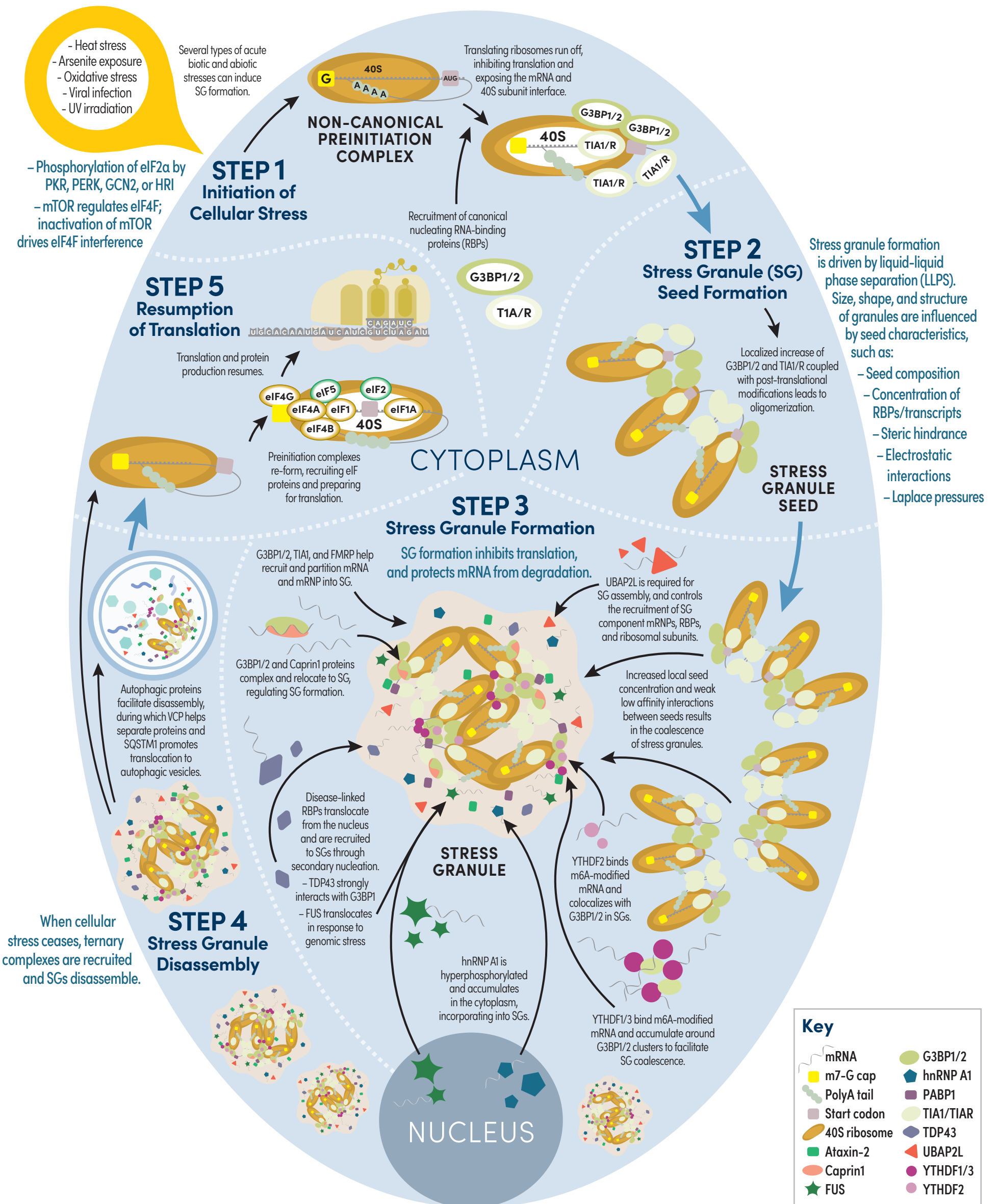


Stress Granule Life Cycle



STRESS GRANULE MARKERS

ANTIBODIES	APPLICATIONS	REACTIVITY
7104 FMRP (D14F4) Rabbit mAb	WB, IF-IC	H, M, R, Mk
4317 FMRP Antibody	WB, IP, IF-IC	H, M, R, Mk
61559 G3BP1 (E9G1M) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, Mk
94496 G3BP1 (E9G1M) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IF-IC	H, Mk
83279 G3BP1 (E9G1M) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IF-IC	H, Mk
17798 G3BP1 Antibody	WB, IF-IC	H, Mk
86050 TIA-1 (D1Q3K) Rabbit mAb	WB, IP	H
8509 TIAR (D32D3) XP® Rabbit mAb	WB, IP, IF-IC, FC-FP	H, M, R, Mk
40199 UBAP2L (E5X4E) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, Mk

CELL STRESS REGULATORS

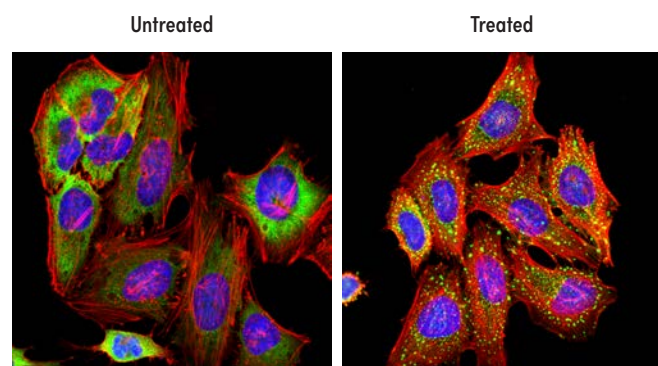
ANTIBODIES	APPLICATIONS	REACTIVITY
5324 eIF2α (D7D3) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk
7952 PathScan® Total eIF2α Sandwich ELISA Kit	ELISA	H
65981 GCN2 (E7G7E) Rabbit mAb	WB, IP, IF-IC	H
63675 GCN2 (E7I8W) Rabbit mAb	WB, IP	H, M, R
3302 GCN2 Antibody	WB, IP	H, M, R, Mk
3192 PERK (C33E10) Rabbit mAb	WB	H, M, R, Mk
5683 PERK (D11A8) Rabbit mAb	WB, IP, IHC-P	H
12297 PKR (D7F7) Rabbit mAb	WB, IP	H

STRESS GRANULE DISASSEMBLY

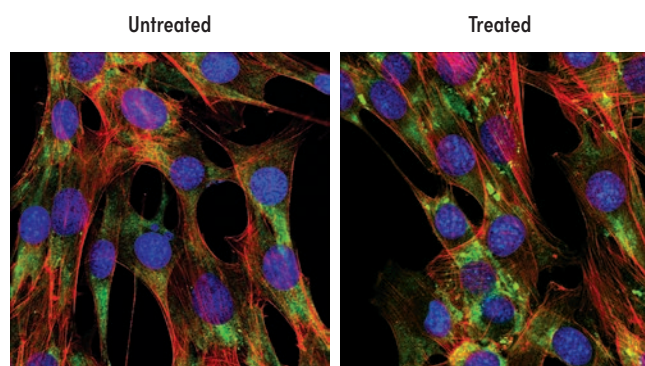
ANTIBODIES	APPLICATIONS	REACTIVITY
7695 SQSTM1/p62 (D10E10) Rabbit mAb (IF Preferred)	IP, IF-IC	H
23214 SQSTM1/p62 (D6M5X) Rabbit mAb (Rodent Specific)	WB, IP, IHC-P, IF-IC	M, R
88588 SQSTM1/p62 (D5L7G) Mouse mAb	WB, IP, IHC-P, IF-IC	H
5114 SQSTM1/p62 Antibody	WB	H, M, R, Mk
2649 VCP (7F3) Rabbit mAb	WB	H, M, R, Mk, (X, Z, B, Pg, Sc)

STRESS GRANULE-ASSOCIATED PROTEINS

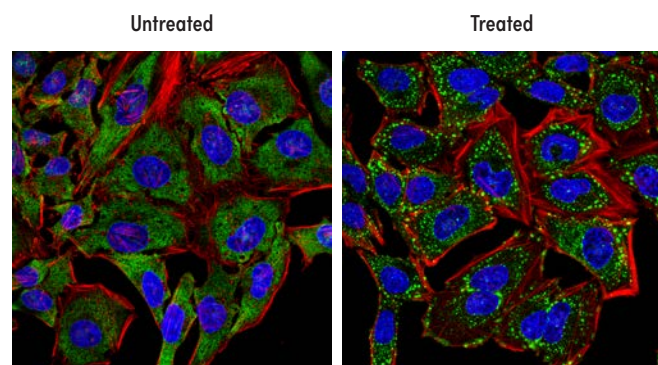
ANTIBODIES	APPLICATIONS	REACTIVITY
8192 DDX3 (D19B4) Rabbit mAb	WB	H, M, R, Mk
3411 eIF3A (D51F4) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
3413 eIF3H (D9C1) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R, Mk
8161 eIF3J (D21G7) XP® Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
2490 eIF4A1 Antibody	WB	H, M, R, Mk
13088 eIF4B (IF5) Mouse mAb	WB, IHC-P, IF-IC	H
3592 eIF4B Antibody	WB	H, M, R, Mk
67840 FUS/TLS (E3O8I) Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R
48647 FUS/TLS (E3O8I) Rabbit mAb (BSA and Azide Free)	WB, IF-IC	H, M, R
31799 G3BP2 Antibody	WB, IP, IF-IC	H, M, R, Mk
8443 hnRNP A1 (D21H11) Rabbit mAb	WB, IP, IF-IC, FC-FP	H, M, R, Mk
9304 hnRNP A2/B1 (2A2) Mouse mAb	WB	H, Mk
4992 PABP1 Antibody	WB, IHC-P	H, M, R, Mk, (X, Z, B)
50703 RBM4 Antibody	WB	H, Mk
28409 TAF15 (D8V6Q) Rabbit mAb	WB, IP	H, M, R, Mk
89789 TDP43 (D9R3L) Rabbit mAb	WB, IHC-P, IF-F, IF-IC	H, M, R
68779 TDP43 (D9R3L) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IF-F, IF-IC	H, M, R
32654 TDP43 (D9R3L) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC	H, M, R
12040 UPF1 (D15G6) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
8501 USP10 (D7A5) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
57530 YTHDF1 (E9P6V) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
71283 YTHDF2 (E2I2H) Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R, Mk
24206 YTHDF3 Antibody	WB, IP	H, M, R, Mk



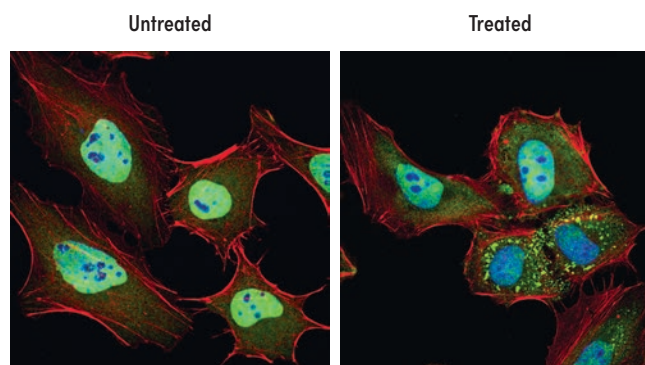
G3BP1 (E9G1M) XP® Rabbit mAb #61559:
Confocal IF analysis of HeLa cells, untreated (left) or treated with sodium arsenite (500 μM, 30 min; right), using #61559 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Samples were mounted in ProLong® Gold Antifade Reagent with DAPI #8961 (blue).



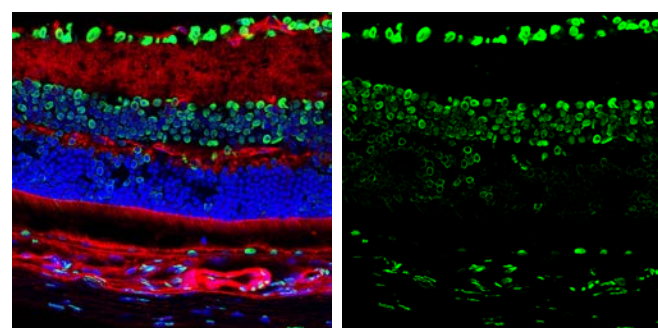
FMRP Antibody #4317:
Confocal IF analysis of C2C12 cells, untreated or treated with MG-132 (10 μg/mL for 3 hours), using #4317 (green). Actin filaments were labeled with DY-554 phalloidin (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



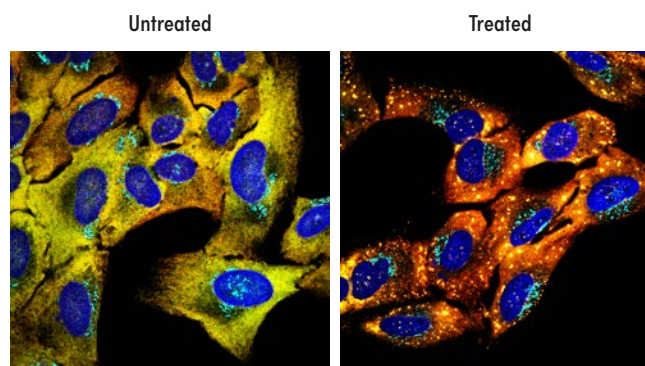
UBAP2L (E5X4E) Rabbit mAb #40199:
Confocal IF analysis of HeLa cells, untreated (left) or treated with sodium arsenite (500 μM, 30 min; right), using #40199 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Blue = DAPI #4083 (fluorescent DNA dye).



TIAR (D32D3) XP® Rabbit mAb #8509:
Confocal IF analysis of HeLa cells, untreated (left) or UV-treated (right), using #8509 (green). Actin filaments were labeled with DY-554 phalloidin (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



FUS/TLS (E3O8I) Rabbit mAb #67840:
Confocal IF analysis of mouse retina using #67840 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Sections were mounted in ProLong® Gold Antifade Reagent with DAPI #8961 (blue).



YTHDF2 (E2I2H) Rabbit mAb #71283:
Confocal IF analysis of U-2 OS cells untreated (left) or treated with sodium arsenite (500 μM, 1 hr) (right) using #71283 (green) and G3BP1 (TT-Y) Mouse mAb (red). After blocking free secondary antibody binding sites with Rabbit (DAIE) mAb IgG XP® Isotype Control #3900, the cells were then labeled using GM130 (D6B1) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate) #59890 (cyan pseudocolor). Samples were mounted in ProLong® Gold Antifade Reagent with DAPI #8961 (blue).