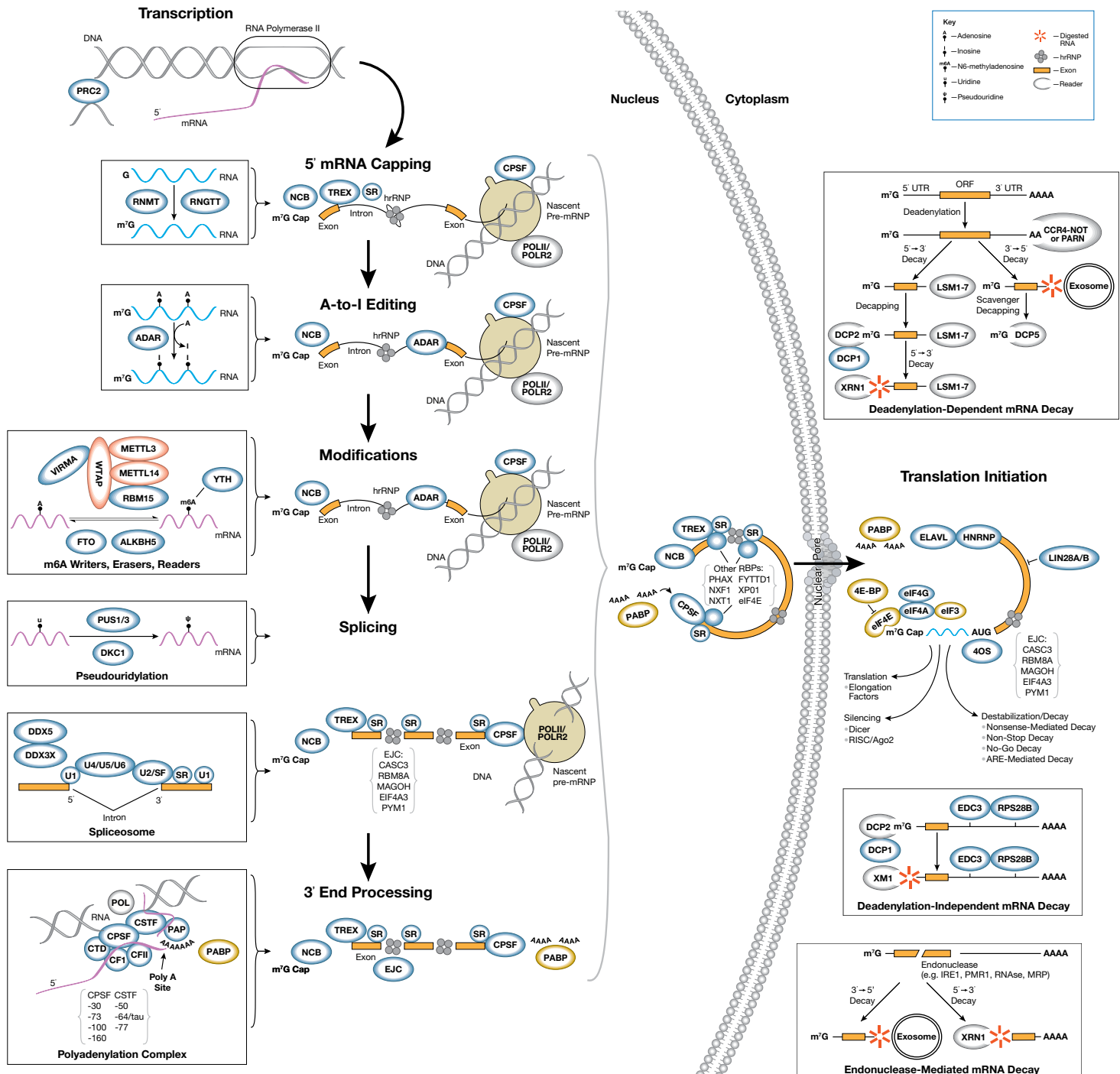


RNA Lifecycle Diagram





Visit www.cst-science.com/rna-regulation to learn more about role of RNA regulation and epitranscriptomics in disease.

RNA MODIFICATIONS

	ANTIBODIES	APPLICATIONS	REACTIVITY
81284	ADAR1 (E6X9R) XP® Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, Mk
2639	Fibrillarin (C13C3) Rabbit mAb	W, IF-IC	H, M, R, Mk
96391	METTL3 (D2I6O) Rabbit mAb	W, IP	H, M, R, Mk, (Hm), (Pg), (Hr)
51104	METTL14 (D8K8W) Rabbit mAb	W	H, M, R, Mk, (C), (X)
17676	METTL16 Antibody	W, IP	H, M, R, Mk
56593	N6-Methyladenosine (m6A) (D9D9W) Rabbit mAb	Dot Blot	
69159	N6-mA Methyltransferase Antibody Sampler Kit		
25261	RBM15 Antibody	W, IP	H, M, R, Mk
88358	Virilizer (D4N8B) Rabbit mAb	W, IP, ChIP	H, M, R, Mk
41934	WTAP (E7O5B) Rabbit mAb	W, IP	H, Mk
77422	YTHDC1 (E4I9E) Rabbit mAb	W, IP	H, M, R, Mk
86463	YTHDF1 Antibody	W, IP, IF-IC	H
80014	YTHDF2 Antibody	W, IF-IC	H, M, R, Mk

RNA TRANSPORT

	ANTIBODIES	APPLICATIONS	REACTIVITY
7104	FMRP (D14F4) Rabbit mAb	W, IF-IC	H, M, R, Mk
12295	FXR1 (D10A2) XP® Rabbit mAb	W, IF-IC	H, M, R, Mk
8443	hnRNP A1 (D21H11) Rabbit mAb	W, IP, IF-IC, F	H, M, R, Mk
8482	IMP1 (D33A2) Rabbit mAb	W, IP	H, M, R
14672	IMP2 (D4R2F) Rabbit mAb	W	H, M, Mk, (R)

RNA SCAFFOLDING, CAPPING & POLYADENYLATION

	ANTIBODIES	APPLICATIONS	REACTIVITY
9877	DDX5 (D15E10) XP® Rabbit mAb	W, IP, IF-IC	H, M, R, Mk, (B), (Hr)
72669	PTBP1 (E5O2S) Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
14794	RBMX/hnRNP G (D7C2V) Rabbit mAb	W, IP	H, M, R, Mk, (B)
14434	SF3B1 (D7L5T) Rabbit mAb	W	H, M, R, Mk, (Hm), (B)
2900	Phospho-YB1 (Ser102) (C34A2) Rabbit mAb	W	H, M, Mk, (R), (B)
7249	PathScan® Phospho-YB1 (Ser102) Sandwich ELISA Kit	ELISA	H
4202	YB1 (D299) Antibody	W, IHC-P, IF-IC	H, M, R, Mk, (X), (B)

RNA STABILITY & DECAY

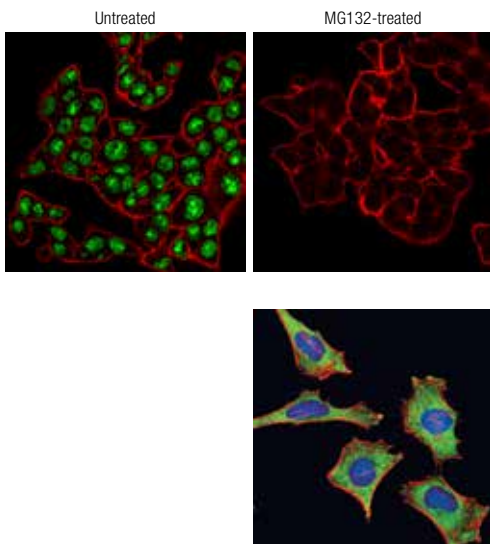
	ANTIBODIES	APPLICATIONS	REACTIVITY
5053	Argonaute 1 (D84G10) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
2897	Argonaute 2 (C34C6) Rabbit mAb	W, IP	H, M, R, Mk
2119	BRF1/2 Antibody	W	H, M, R, Mk, (C), (B)
12582	ELAVL1/HuR (D9W7E) Rabbit mAb	W, IP, IF-IC, F	H, M, R, Mk
5362	Dicer (D38E7) Rabbit mAb	W, IP	H
3364	Drosha (D28B1) Rabbit mAb	W, IP	H, M
4992	PABP1 Antibody	W, IHC-P	H, M, R, Mk, (X), (Z), (B)
71632	Tristetraprolin (D1I3T) Rabbit mAb	W	H, M, R
12040	Upf1 (D15G6) Rabbit mAb	W, IP, IF-IC	H, M, R, Mk

RNA PROCESSING

	ANTIBODIES	APPLICATIONS	REACTIVITY
12382	AUF1/hnRNP D (D6O4F) Rabbit mAb	W, IP, IHC-P	H
4885	FUS/TLS Antibody	W	H, M, R, Mk, (Hm), (B), (GP), (Hr)
61559	G3BP1 (E9G1M) XP® Rabbit mAb	WB, IP, IF-IC	H, Mk
9081	hnRNP K (D9A8) Rabbit mAb	W, IP	H, M, R, Mk
8509	TIAR (D32D3) XP® Rabbit mAb	W, IP, IF-IC, F	H, M, R, Mk

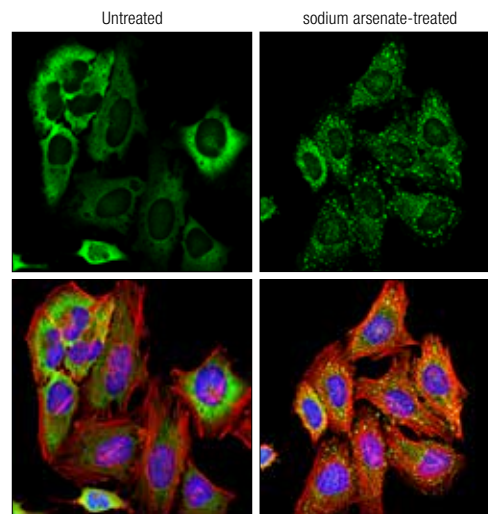
TRANSLATION

	ANTIBODIES	APPLICATIONS	REACTIVITY
2855	Phospho-4E-BP1 (Thr37/46) (236B4) Rabbit mAb	W, IHC-P, IF-IC, F	H, M, R, Mk, Dm
9451	Phospho-4E-BP1 (Ser65) Antibody	W, IP	H, M, R, Mk
9644	4E-BP1 (53H11) Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk
3398	Phospho-eIF2a (Ser51) (D9G8) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk, Dm
5324	eIF2a (D7D3) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
9741	Phospho-eIF4E (Ser209) Antibody	W	H, M, R, Mk
2067	eIF4E (C46H6) Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
65981	GCN2 (E7G7E) Rabbit mAb	W, IP, IF	H, M, R, Mk
3179	Phospho-PERK (Thr980) (16F8) Rabbit mAb	W	R, (M)
5683	PERK (D11A8) Rabbit mAb	W, IP, IHC-P	H



ADAR1 (E6X9R) XP® Rabbit mAb #81284: Confocal IF analysis of HCT 116 cells, either wild-type (left, positive) or ADAR1 knockout (right, negative), using #81284 (green). Actin filaments were labeled with DyLight™ 650 Phalloidin #12956 (red).

YB1 (D299) Antibody #4202: Confocal IF analysis of HeLa cells using #4202 (green). Actin filaments were labeled using DyLight™ 554 Phalloidin #13054 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



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).