

	<h1>ZCCHC11 Rabbit pAb</h1>	E 2 5 1 5 9 7 2
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Swiss-Prot No.:	Q5TAX3
Altername:	TUT4
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human ZCCHC11 (NP_001009881.1).
Purification:	Affinity purified
Reactivity:	Human,Mouse
Other Names:	PAPD3; TENT3A; ZCCHC11
Cellular localization:	Cytoplasm, Nucleus
Relevance:	Uridyltransferase that mediates the terminal uridylation of mRNAs with short (less than 25 nucleotides) poly(A) tails, hence facilitating global mRNA decay (PubMed:25480299). Involved in microRNA (miRNA)-induced gene silencing through uridylation of deadenylated miRNA targets. Also acts as a suppressor of miRNA biogenesis by mediating the terminal uridylation of some miRNA precursors, including that of let-7 (pre-let-7), miR107, miR-143 and miR-200c. Uridylated miRNAs are not processed by Dicer and undergo degradation. Degradation of pre-let-7 contributes to the maintenance of embryonic stem (ES) cell pluripotency . Does not bind RNA

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	directly, but recruited to RNA targets by RNA-binding protein LIN28A. Also catalyzes the 3' uridylation of miR-26A, a miRNA that targets IL6 transcript. This abrogates the silencing of IL6 transcript, hence promoting cytokine expression . May also suppress Toll-like receptor-induced NF-kappa-B activation via binding to T2BP. Does not play a role in replication-dependent histone mRNA degradation. Due to functional redundancy between ZCCHC6 and ZCCHC11, the identification of the specific role of each of these proteins is difficult.
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	185kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:500 - 1:1000 (Optimal dilutions should be determined by the end user)