

Datasheet for ABIN7121051 **anti-ZCCHC11 antibody**



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Overview

Quantity:	100 µg
Target:	ZCCHC11
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	zinc finger, CCHC domain containing 11
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ZCCHC11
Alternative Name:	ZCCHC11 (ZCCHC11 Products)
Background:	<p>Synonyms: KIAA0191, PAPD3, Terminal uridylyltransferase 4, TUT4, TUTase 4, ZCCHC11</p> <p>Background: Uridylyltransferase that mediates the terminal uridylation of mRNAs with short (less than 25 nucleotides) poly(A) tails, hence facilitating global mRNA decay (PubMed:25480299).</p> <p>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</p>

Target Details

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(By similarity). Does not bind RNA 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(By similarity). 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.

Molecular Weight:	185 kDa
Gene ID:	23318
UniProt:	Q5TAX3
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:200-1:2000, IP: 1:500-1:5000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months