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Datasheet for ABIN6242704
anti-ZCCHC11 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	ZCCHC11
Binding Specificity:	AA 1568-1600, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZCCHC11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This (Mouse) Zcchc11 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1568-1600 amino acids from the C-terminal region of (Mouse) Zcchc11.
Clone:	RB51164
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ZCCHC11
Alternative Name:	Zcchc11 (ZCCHC11 Products)

Target Details

Background: Uridyltransferase that acts as a suppressor of microRNA (miRNA) biogenesis by specifically mediating the terminal uridylation of some miRNAs. Catalyzes the 3' uridylation of precursor let-7 (pre-let-7), a miRNA precursor. Uridylated pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Degradation of pre-let-7 contributes to the maintenance of embryonic stem (ES) cells and is required for ES cells to maintain pluripotency. Does not bind RNA by itself, recruited to pre-let-7 miRNAs via its interaction with LIN28A and LIN28B (By similarity). Also catalyzes the 3' uridylation of miR-26A, a miRNA that represses IL6 transcript, leading to abrogate IL6 transcript repression and promote cytokine expression. May also suppress Toll-like receptor-induced NF-kappa-B activity via binding to T2BP. Does not play a role in replication-dependent histone mRNA degradation (By similarity).

Molecular Weight: 184650

UniProt: [B2RX14](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

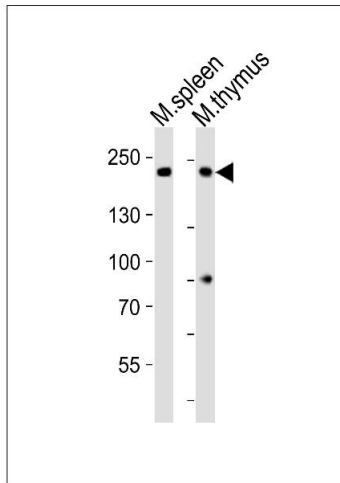
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysates from mouse spleen, mouse thymus tissue lysate (from left to right), using Zcchc11 Antibody (C-term) (ABIN6242704 and ABIN6577657). (ABIN6242704 and ABIN6577657) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 μ g per lane.