

Rabbit anti-Mouse Zcchc11 Polyclonal Antibody | anti-Zcchc11 antibody

(Mouse) Zcchc11 Antibody (C-term)

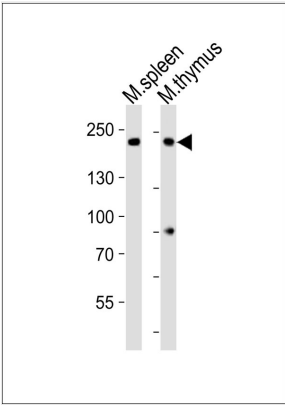
CATALOG # AAA290050	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Zcchc11; Polyclonal Antibody; (Mouse) Zcchc11 Antibody (C-term); Terminal uridylyltransferase 4; TUTase 4; Zinc finger CCHC domain-containing protein 11; Kiaa0191; Tut4; anti-Zcchc11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	1,644
Applicable Applications for anti-Zcchc11 antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Cellular Location	Nucleus. Cytoplasm. Note=Translocates into the cytoplasm following treatment of the cell with LPS.
Tissue Location	Ubiquitously expressed.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from mouse spleen, mouse thymus tissue lysate (from left to right), using Zcchc11 Antibody (C-term). AAA290050 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 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-Zcchc11 antibody	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).
References	Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). Okazaki N.,et al.Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases. Carninci P.,et al.Science 309:1559-1563(2005). Trost M.,et al.Immunity 30:143-154(2009). Jones M.R.,et al.Nat. Cell Biol. 11:1157-1163(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	83977461
NCBI GeneID	230594
NCBI Accession #	NP_780681.2
NCBI GenBank Nucleotide #	NM_175472.3
UniProt Accession #	B2RX14; Q3UYT6; Q5DU43; A2A8R8
Molecular Weight	184650
NCBI Official Full Name	terminal uridylyltransferase 4
NCBI Official Synonym Full Names	zinc finger, CCHC domain containing 11
NCBI Official Symbol	Zcchc11
NCBI Official Synonym Symbols	PPAPD3; mKIAA0191; 6030404K05Rik; 9230115F04Rik
NCBI Protein Information	terminal uridylyltransferase 4
UniProt Protein Name	Terminal uridylyltransferase 4
UniProt Gene Name	Zcchc11

UniProt Synonym Gene Names	Kiaa0191; Tut4; TUTase 4
UniProt Entry Name	TUT4_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/zcchc11-antibody-western-blot-elisa/290050>