

Rabbit anti-Human, Mouse ZCCHC11 Polyclonal Antibody | anti-ZCCHC11 antibody

ZCCHC11 Antibody

CATALOG # AAA323007	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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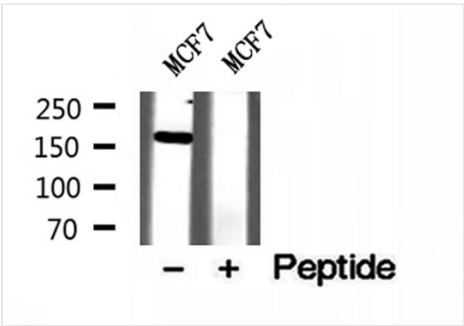
PRODUCT SYNONYMS

ZCCHC11; Polyclonal Antibody; ZCCHC11 Antibody; DKFZp779C1943; EC 2.7.7.52; FLJ42878; KIAA0191; PAP associated domain containing 3; PAPD3; Terminal uridylyltransferase 4; TUT4; TUT4_HUMAN; TUTase 4; ZCCHC 11; Zcchc11; Zinc finger CCHC domain containing 11; Zinc finger CCHC domain containing protein 11; Zinc finger CCHC domain-containing protein 11; anti-ZCCHC11 antibody

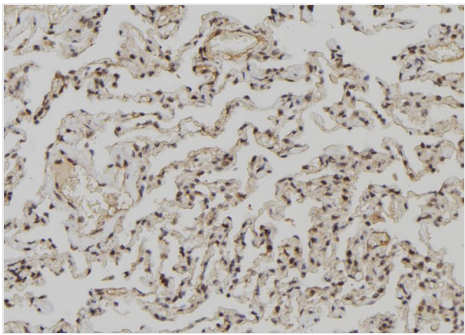
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ZCCHC11 antibody detects endogenous levels of ZCCHC11.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1645
Applicable Applications for anti-ZCCHC11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ZCCHC11.
Subcellular Location	Nucleus. Cytoplasm. Translocates into the cytoplasm following treatment of the cell with LPS.
Predicted Cross Reactivity	Chicken
Similarity	Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

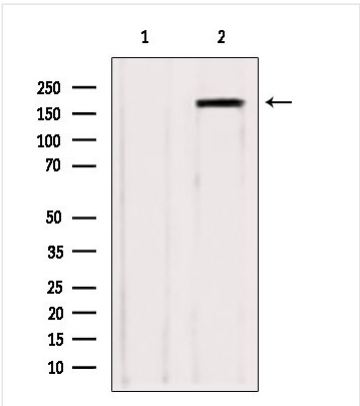
IMAGES



WB (Western Blot)
Western blot analysis of extracts of MCF7 cells, using ZCCHC11 antibody.



IHC (Immunohistochemistry)
AAA323007 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from various samples, using ZCCHC11 antibody. Lane 1: hepg2 treated with blocking peptide. Lane 2: Hepg2; Lane 3: B16F10;

ADDITIONAL INFORMATION

Related Product Information for anti-ZCCHC11 antibody

Function: 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 (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.

Subunit Structure: Interacts with LIN28A in the presence of pre-let-7 RNA. Interacts with T2BP.

Similarity: Belongs to the DNA polymerase type-B-like family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57863248
NCBI GeneID	23318
NCBI Accession #	NP_001009881.1
NCBI GenBank Nucleotide #	NM_001009881.2
UniProt Accession #	Q5TAX3; Q12764; Q5TAX2; Q5TAX4; Q86XZ3; A2RRP0; B7Z8J5; D3DQ35

Molecular Weight	Observed: 185 kDa Predicted: 186 kDa
NCBI Official Full Name	terminal uridylyltransferase 4 isoform a
NCBI Official Synonym Full Names	terminal uridylyl transferase 4
NCBI Official Symbol	TUT4
NCBI Official Synonym Symbols	PAPD3; TENT3A; ZCCHC11
NCBI Protein Information	terminal uridylyltransferase 4
UniProt Protein Name	Terminal uridylyltransferase 4
UniProt Gene Name	TUT4
UniProt Synonym Gene Names	TUTase 4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/zcchc11-antibody-immunohistochemistry-western-blot-elisa/323007>