

Rabbit anti-Human ZCCHC4 Polyclonal Antibody | anti-ZCCHC4 antibody

Anti-ZCCHC4 Antibody, Rabbit Polyclonal

CATALOG # AAA256585	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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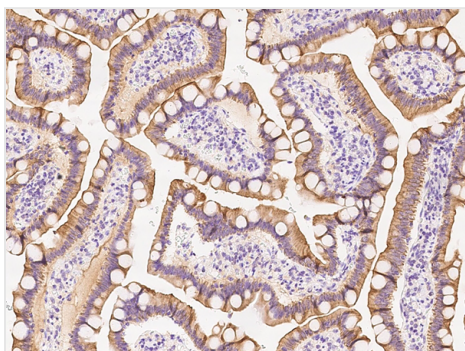
PRODUCT SYNONYMS

ZCCHC4; Polyclonal Antibody; Anti-ZCCHC4 Antibody; Rabbit Polyclonal; ZCCHC4 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HSPC052 Antibody; Anti-ZGRF4 Antibody; anti-ZCCHC4 antibody

PRODUCT SPECIFICATIONS

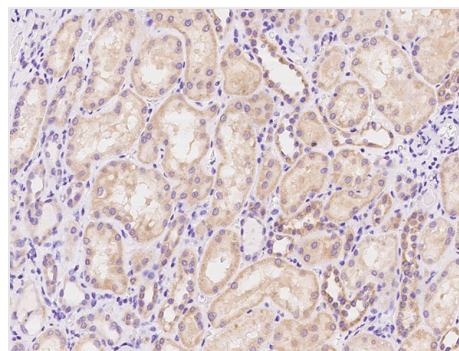
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ZCCHC4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ZCCHC4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ZCCHC4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ZCCHC4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



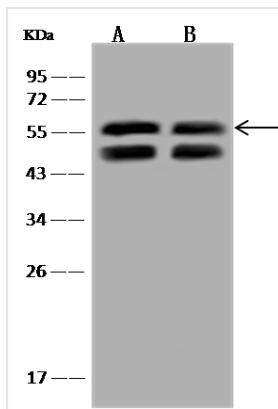
IHC (Immunohistochemistry)

Immunochemical staining of human ZCCHC4 in human duodenum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ZCCHC4 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ZCCHC4 rabbit polyclonal antibody at 1:500 dilution
Lane A: Jurkat Whole Cell Lysate
Lane B: U-251MG Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 59 kDa
Observed band size: 55 kDa
(We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-ZCCHC4 antibody

The CCHC zinc-finger-containing protein ZCCHC4 (UniProt accession number Q9H5U6) is a potential RNA methyltransferase. CCHC zinc-finger-containing proteins are the most common zinc finger proteins in eukaryotes and are well known for their functions in regulating various RNA-dependent biological processes. The CCHC-ZnF domain is one of the canonical nucleic acid-recognition domains in both DNA-and RNA-binding proteins; binding of CCHC zinc-finger-containing protein to target RNAs can regulate gene expression and translation. For example, ZC3H13, a zinc-finger protein, has been reported to regulate nuclear RNA m6A methylation and mouse embryonic stem cell self-renewal. ZCCHC4 gene is conserved in other multicellular model organisms but absent in yeast. ZCCHC4 protein is overexpressed in hepatocellular carcinoma tumors, and ZCCHC4 knockout significantly reduces tumor size in a xenograft mouse model.

References

Ma H, et al. (2019) N(6-)methyladenosine methyltransferase zcchc4 mediates ribosomal rna methylation. Nat Chem Biol 15 (1): 88-94.

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/zcchc4-antibody-immunohistochemistry-western-blot-elisa/256585>