

Rabbit anti-Human ZC3H7A Polyclonal Antibody | anti-ZC3H7A antibody

Anti-ZC3H7A Antibody, Rabbit Polyclonal

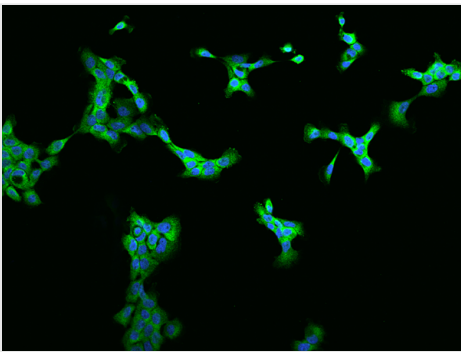
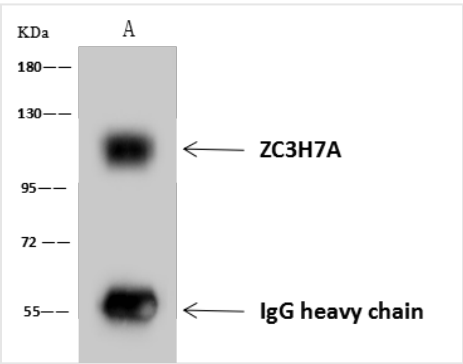
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256581	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

ZC3H7A; Polyclonal Antibody; Anti-ZC3H7A Antibody; Rabbit Polyclonal; ZC3H7A Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HSPC055 Antibody; Anti-ZC3H7 Antibody; Anti-ZC3HDC7 Antibody; anti-ZC3H7A antibody

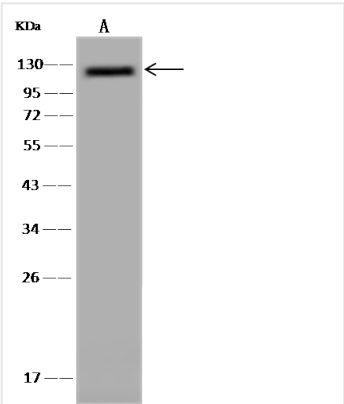
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ZC3H7A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ZC3H7A antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ZC3H7A fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ZC3H7A 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.



IP (Immunoprecipitation)
ZC3H7A was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-ZC3H7A rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ZC3H7A rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 110 kDa. Observed band size: 110 kDa.

IF (Immunofluorescence)
Immunofluorescence staining of ZC3H7A in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ZC3H7A polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)
Anti-ZC3H7A rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa 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: 110 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ZC3H7A antibody	ZC3H7A (Zinc Finger CCCH-Type Containing 7A, also known as ZC3H7; HSPC055; ZC3HDC7), a member of CCCH gene family, is located on human chromosome 16p13.13. ZC3H7A is associated with some diseases, including Endometrial Stromal Tumor and Endometrial Stromal Sarcoma. An important paralog of this gene is ZC3H7B. The CCCH zinc finger motif has been found in proteins from organisms ranging from man to yeast. The CCCH proteins are a large family of zinc finger containing C3H-type motifs and much evidences proved that they may be RNA-binding proteins functioning in RNA processing. In mouse, tristetraprolin, a protein containing two CCCH zinc fingers, binds directly to AU-rich elements within the 3'-untranslated region of target transcripts to facilitate mRNA degradation. Zfp36l2, like its better-known relative TTP, is a mRNA-binding and destabilizing protein, functions in the physiological control of female fertility at the level of early embryonic development. The PIE-1 is an essential regulator of Caenorhabditis elegans germ cell fate that segregates with the germ lineage by inhibition of transcription or activation of protein expression from maternal RNAs.
References	Wang D, et al. (2008) Genome-wide analysis of ccch zinc finger family in arabidopsis and rice. BMC Genomics 9 44. Liang J, et al. (2008) Genome-wide survey and expression profiling of ccch-zinc finger family reveals a functional module in macrophage activation. PLoS One 3 (8): e2880.

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.

