

Rabbit anti-Human THOC7 Polyclonal Antibody | anti-THOC7 antibody

Anti-THOC7 Antibody, Rabbit Polyclonal

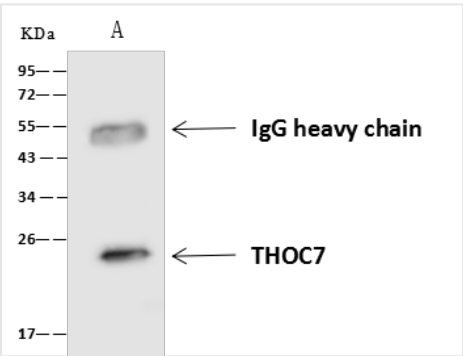
CATALOG # AAA256655	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

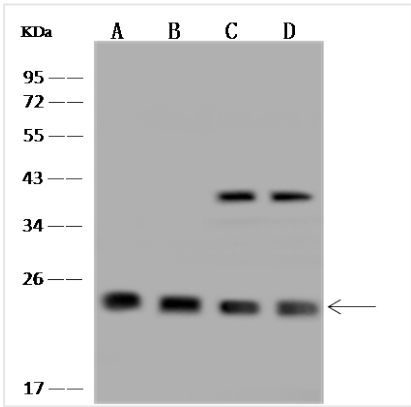
THOC7; Polyclonal Antibody; Anti-THOC7 Antibody; Rabbit Polyclonal; THOC7 Antibody; Rabbit PAb; Antigen Affinity Purified; THO complex 7; Anti-fSAP24 Antibody; Anti-hTREX30 Antibody; Anti-NIF3L1BP1 Antibody; anti-THOC7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human THOC7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-THOC7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human THOC7 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human THOC7 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)
THOC7 was immunoprecipitated using: Lane A: 0.5 mg Jurkat HeLa Whole Cell Lysate 4 uL anti-THOC7 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-THOC7 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: 25 kDa. Observed band size: 24 kDa.



WB (Western Blot)
Anti-THOC7 rabbit polyclonal antibody at 1:500 dilution. Lane A: 293T Whole Cell Lysate. Lane B: A431 Whole Cell Lysate. Lane C: HeLa Whole Cell Lysate. Lane D: Jurkat 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: 24 kDa. Observed band size: 24 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-THOC7 antibody	THOC7 (THO Complex 7) is a Protein Coding gene. The THOC7 gene, located on 3p14.1, is conserved in chimpanzee, Rhesus monkey, dog, mouse, rat, chicken, zebrafish, fruit fly, mosquito, and frog. THOC7 is widely expressed in the adrenal, colon, and other tissues. THOC7 and Fms-interacting protein (FMIP) are members of the THO complex that associate with the mRNA export apparatus. The FMIP is a nucleocytoplasmic shuttling protein with a nuclear localization signal (NLS), whereas THOC7 does not contain a typical NLS motif. Diseases associated with THOC7 include Ogden Syndrome. The related pathways of THOC7 are Cleavage of Growing Transcript in the Termination Region and Transport of Mature Transcript to Cytoplasm.
References	Katahira J, et al. (2020) Human tho maintains the stability of repetitive DNA. Genes Cells 25 (5): 334-342. Guria A, et al. (2011) Identification of mrnas that are spliced but not exported to the cytoplasm in the absence of thoc5 in mouse embryo fibroblasts. Rna 17 (6): 1048-1056. El Bounkari O, et al. (2009) Nuclear localization of the pre-mrna associating protein thoc7 depends upon its direct interaction with fms tyrosine kinase interacting protein (fmip). FEBS Lett 583 (1): 13-18.

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.