

Rabbit anti-Human THOC3 Polyclonal Antibody | anti-THOC3 antibody

Anti-THOC3 Antibody, Rabbit Polyclonal

CATALOG # AAA259023	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

THOC3; Polyclonal Antibody; Anti-THOC3 Antibody; Rabbit Polyclonal; THO complex 3; Anti-hTREX45 Antibody; Anti-THO3 Antibody; anti-THOC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human THOC3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-THOC3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human THOC3 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human THOC3 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



IP (Immunoprecipitation)

THOC3 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-THOC3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-THOC3 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: 39 kDa. Observed band size: 40 kDa.



WB (Western Blot)

Anti-THOC3 rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 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: 39 kDa. Observed band size: 40 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-THOC3 antibody	THOC3 (THO Complex 3) is a Protein Coding gene. The THOC3 gene, located on 5q35.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, A.thaliana, rice, and frog. This gene encodes a component of the nuclear THO transcription elongation complex, which is part of the larger transcription export (TREX) complex that couples messenger RNA processing and export. In humans, the transcription export complex is recruited to the 5'-end of messenger RNAs in a splicing- and cap-dependent manner. THOC3 is widely expressed in the esophagus, testis, and other tissues. The related pathways of THOC3 are Cleavage of Growing Transcript in the Termination Region and Transport of Mature Transcript to Cytoplasm.
References	Strässer K, et al. (2002) Trex is a conserved complex coupling transcription with messenger rna export. Nature 417 (6886): 304-308.Katahira J (2012) Mrna export and the trex complex. Biochim Biophys Acta 1819 (6): 507-513. Chi B, et al. (2013) Aly and tho are required for assembly of the human trex complex and association of trex components with the spliced mrna. Nucleic Acids Res 41 (2): 1294-1306.

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://stage.aaabiotech.com/polyclonal/thoc3-antibody-immunoprecipitation-western-blot-elisa/259023>