

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

Anti-RNGTT Antibody, Rabbit Polyclonal

CATALOG # AAA256562	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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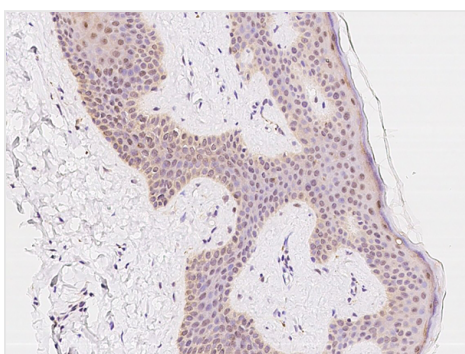
PRODUCT SYNONYMS

RNGTT; Polyclonal Antibody; Anti-RNGTT Antibody; Rabbit Polyclonal; RNGTT Antibody; Rabbit PAb; Antigen Affinity Purified; RNA guanylyltransferase and 5'-phosphatase; Anti-CAP1A Antibody; Anti-hCAP Antibody; Anti-HCE Antibody; Anti-HCE1 Antibody; anti-RNGTT antibody

PRODUCT SPECIFICATIONS

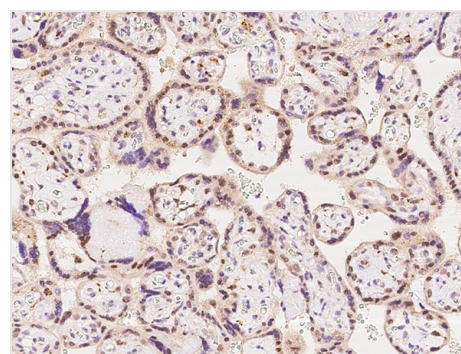
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RNGTT
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RNGTT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E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



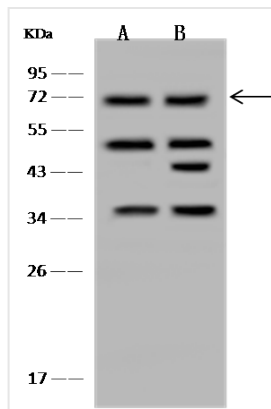
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Anti-RNGTT rabbit polyclonal antibody at 1:500 dilution
 Lane A: Jurkat Whole Cell Lysate
 Lane B: 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: 69 kDa
 Observed band size: 69 kDa
 (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-RNGTT antibody	RNGTT (RNA Guanylyltransferase And 5'-Phosphatase) is a Protein Coding gene. The RNGTT gene, located on 6q15, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, A.thaliana, rice, and frog. The mammalian homolog of mRNA-cap, RNGTT, can replace mRNA-cap to play the same function in the Drosophila Hh pathway, and knockdown of Rngtt in cultured mammalian cells will impair the Shh pathway activity. RNGTT is widely expressed in the lymph node, testis, and other tissues. Diseases associated with RNGTT include Cecum Carcinoma and Cecum Adenocarcinoma. Among its related pathways are HIV Transcription Elongation and Gene Expression. 230 organisms have orthologs with the human gene RNGTT.
References	Trotman JB, et al. (2018) Rna-binding proteins and heat-shock protein 90 are constituents of the cytoplasmic capping enzyme interactome. J Biol Chem 293 (43): 16596-16607. Lombardi O, et al. (2016) C-myc deregulation induces mrna capping enzyme dependency. Oncotarget 7 (50): 82273-82288. Chen P, et al. (2017) Capping enzyme mrna-cap/rngtt regulates hedgehog pathway activity by antagonizing protein kinase a. Sci Rep 7 (1): 2891.

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/rngtt-antibody-immunohistochemistry-western-blot-elisa/256562>