

Rabbit RNGTT Polyclonal Antibody | anti-RNGTT antibody

RNGTT Antibody (C-term) Purified Rabbit Polyclonal Antibody (Pab)

CATALOG # AAA291000	HOST Rabbit	REACTIVITY Human Predicted Reactivity: Mouse	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

RNGTT; Polyclonal Antibody; RNGTT Antibody (C-term) Purified Rabbit Polyclonal Antibody (Pab); mRNA-capping enzyme; HCAP1; HCE; Polynucleotide 5'-triphosphatase; mRNA 5'-triphosphatase; TPase; mRNA guanylyltransferase; GTP--RNA guanylyltransferase; GTase; CAP1A; anti-RNGTT antibody

PRODUCT SPECIFICATIONS

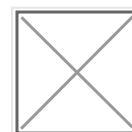
Host	Rabbit
Reactivity	Human Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB19827
Specificity	This RNGTT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 489-516 amino acids from the C-terminal region of human RNGTT.
Purity/Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Applicable Applications for anti-RNGTT antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Synthetic Peptide
Antigen Region	489-516
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

FC: 1:10-50 Flow cytometric analysis of 293 cells using RNGTT Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

WB: 1:1000 Western blot analysis of RNGTT antibody (C-term) in 293 cell line lysates (35ug/lane). RNGTT (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RNGTT antibody	RNGTT is a bifunctional mRNA-capping enzyme exhibiting RNA 5'-triphosphatase activity in the N-terminal part and mRNA guanylyltransferase activity in the C-terminal part. The protein catalyzes the first two steps of cap formation: by removing the gamma-phosphate from the 5'-triphosphate end of nascent mRNA to yield a diphosphate end, and by transferring the gmp moiety of GTP to the 5'-diphosphate terminus.
Product Categories/Family for anti-RNGTT antibody	Primary Antibodies
References	Zhou,M., Proc. Natl. Acad. Sci. U.S.A. 100 (22), 12666-12671 (2003)Chiu,Y.L., J. Biol. Chem. 276 (16), 12959-12966 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8732
UniProt Accession #	O60942; O55236
Molecular Weight	68557Da
UniProt Protein Name	mRNA-capping enzyme
UniProt Gene Name	RNGTT
UniProt Synonym Gene Names	CAP1A; TPase; GTase
UniProt Entry Name	MCE1_HUMAN

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-clone-rb19827-flow-cytometry-western-blot-elisa/291000>