

Rabbit RNGTT Polyclonal Antibody | anti-RNGTT antibody

Anti-RNGTT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262385	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

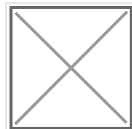
PRODUCT SYNONYMS

RNGTT; Polyclonal Antibody; Anti-RNGTT Antibody; CAP1A; mRNA-capping enzyme; HCAP1; HCE; anti-RNGTT antibody

PRODUCT SPECIFICATIONS

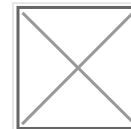
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RNGTT protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	541
Applicable Applications for anti-RNGTT antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human RNGTT
Preparation and Storage	Upon delivery aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



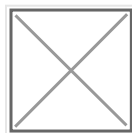
IF (Immunofluorescence)

Immunofluorescent analysis of RNGTT staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of RNGTT staining in mouse lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of RNGTT expression in Jurkat (A), Hela (B), mouse spleen (C), rat kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RNGTT antibody	Rabbit polyclonal antibody to RNGTT
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NCBI AND UNIPROT INFORMATION

NCBI GI #	556695469
NCBI GeneID	8732
NCBI Accession #	NP_001273355.1
NCBI GenBank Nucleotide #	NM_001286426.1
UniProt Accession #	O60942; O43483; O60257; O60351; Q5TCW8; Q8WUM8; E1P513; E1P514
NCBI Official Full Name	mRNA-capping enzyme isoform b
NCBI Official Synonym Full Names	RNA guanylyltransferase and 5'-phosphatase
NCBI Official Symbol	RNGTT
NCBI Official Synonym Symbols	HCE; HCE1; hCAP; CAP1A
NCBI Protein Information	mRNA-capping enzyme
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.