

Rngtt Antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI12922

Product Information

Application WB Primary Accession 055236

Other Accession <u>NM 011884, NP 036014</u>

Reactivity Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine

Predicted Human, Mouse, Rat, Chicken, Dog, Guinea Pig, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 68684

Additional Information

Gene ID 24018

Alias Symbol AU020997

Other Names mRNA-capping enzyme, HCE, MCE1, Polynucleotide 5'-triphosphatase, TPase,

mRNA 5'-triphosphatase, 3.1.3.33, mRNA guanylyltransferase, 2.7.7.50,

GTP--RNA guanylyltransferase, GTase, Rngtt, Cap1a

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-Rngtt antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions Rngtt Antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name Rngtt

Synonyms Cap1a

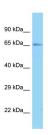
Function Bifunctional mRNA-capping enzyme exhibiting RNA 5'- triphosphate

monophosphatase activity in the N-terminal part and mRNA

guanylyltransferase activity in the C-terminal part. 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 of RNA via

a covalent enzyme-GMP reaction intermediate.

Images



WB Suggested Anti-Rngtt Antibody Titration: 1.0 $\mu g/ml$ Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.