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Rngtt Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12922

Product Information

Application	WB
Primary Accession	O55236
Other Accession	NM_011884, NP_036014
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.

Cellular Location Nucleus.

Images



WB Suggested Anti-Rngtt Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

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