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RNGTT Rabbit pAb

CatalogNo: YN8286

Key Features

Host Species Rabbit 	Reactivity • Human,Mouse	Applications • WB
MW • 66kD (Calculated)	Isotype • IgG	

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human RNGTT
Specificity	This antibody detects endogenous levels of RNGTT at Human, Mouse

Target Information

Gene name RNGTT CAP1A

Protein Name

mRNA-capping enzyme (HCAP1) (HCE) [Includes: Polynucleotide 5'-triphosphatase (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (GTP--RNA guanylyltransferase) (GTase)]

GMP moiety of GTP to the 5'-diphosphate terminus of RNA via a covalent enzyme-GMP

Organism	Gene ID	UniProt ID
Human	<u>8732;</u>	<u>060942;</u>
Mouse	<u>24018;</u>	<u>055236;</u>

Cellular
LocalizationNucleus .Tissue specificityIsoform 1 and isoform 4 (at a lesser extent) are expressed in cerebrum, cerebellum, thyroid,
lung, heart, liver, kidney, spleen, large intestine, testis, skin and muscle.FunctionBifunctional 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

reaction intermediate.

Validation Data

Contact information

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Please scan the QR code to access additional product information: **RNGTT Rabbit pAb**

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Antibody | ELISA Kits | Protein | Reagents