

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)]		
	Organism	Gene ID	UniProt ID
	Human	8732 ;	O60942 ;
	Mouse	24018 ;	O55236 ;
Cellular Localization	Nucleus .		
Tissue specificity	Isoform 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.		
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.		

| Validation Data

| Contact information

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RNGTT Rabbit pAb

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