

## 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

<b>Protein Name</b>	mRNA-capping enzyme (HCAP1) (HCE) [Includes: Polynucleotide 5'-triphosphatase (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (GTP--RNA guanylyltransferase) (GTase)]		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8732</a> ;	<a href="#">O60942</a> ;
	Mouse	<a href="#">24018</a> ;	<a href="#">O55236</a> ;
<b>Cellular Localization</b>	Nucleus .		
<b>Tissue specificity</b>	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.		
<b>Function</b>	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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