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Datasheet for ABIN7160269  
**anti-RNGTT antibody (AA 1-260)**

2 Images

Overview

Quantity:	100 µL
Target:	RNGTT
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNGTT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human mRNA-capping enzyme protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	RNGTT
Alternative Name:	RNGTT ( <a href="#">RNGTT Products</a> )
Background:	Background: Bifunctional mRNA-capping enzyme exhibiting RNA 5\'-triphosphatase activity in the N-terminal part and mRNA guanylyltransferase activity in the C-terminal part. Catalyzes the

## Target Details

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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.

Aliases: CAP1A antibody, GTase antibody, GTP--RNA guanylyltransferase antibody, hCAP antibody, HCAP1 antibody, HcE antibody, HCE1 antibody, MCE1 antibody, MCE1\_HUMAN antibody, mRNA 5"-triphosphatase antibody, mRNA capping enzyme antibody, mRNA guanyltransferase antibody, mRNA guanylyltransferase antibody, Polynucleotide 5' trisphosphatase antibody, RNA guanylyltransferase and 5' phosphatase antibody, RNGTT antibody, TPase antibody

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UniProt: [O60942](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

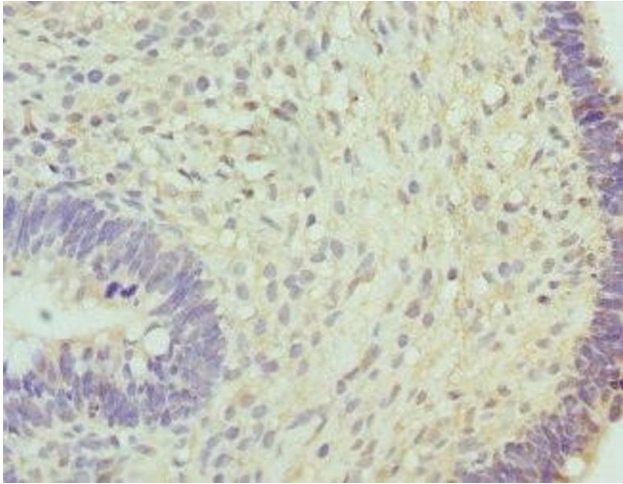
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

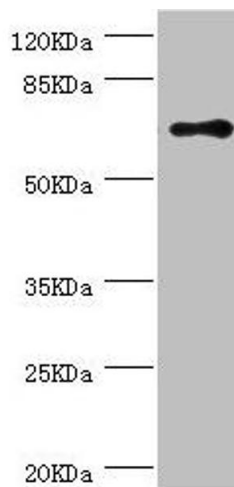
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7160269 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: RNGTT antibody at 1.42  $\mu$ g/mL + THP-1 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 69, 67, 53, 62 kDa Observed band size: 69 kDa