

## Catalog #: 5644

## Aliases

RNGTT; RNA Guanylyltransferase And 5'-Phosphatase; HCE; HCE1; HCAP; MRNA-Capping Enzyme; CAP1A; HCAP1

## Background

Gene Name: RNGTT

NCBI Gene Entry: [8732](#)

UniProt Entry: [O60942](#)

## Application Information

Molecular Weight: Predicted, 69 kDa; observed, 62-69 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4670

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

Recombinant protein of human RNGTT

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

## Validation Data

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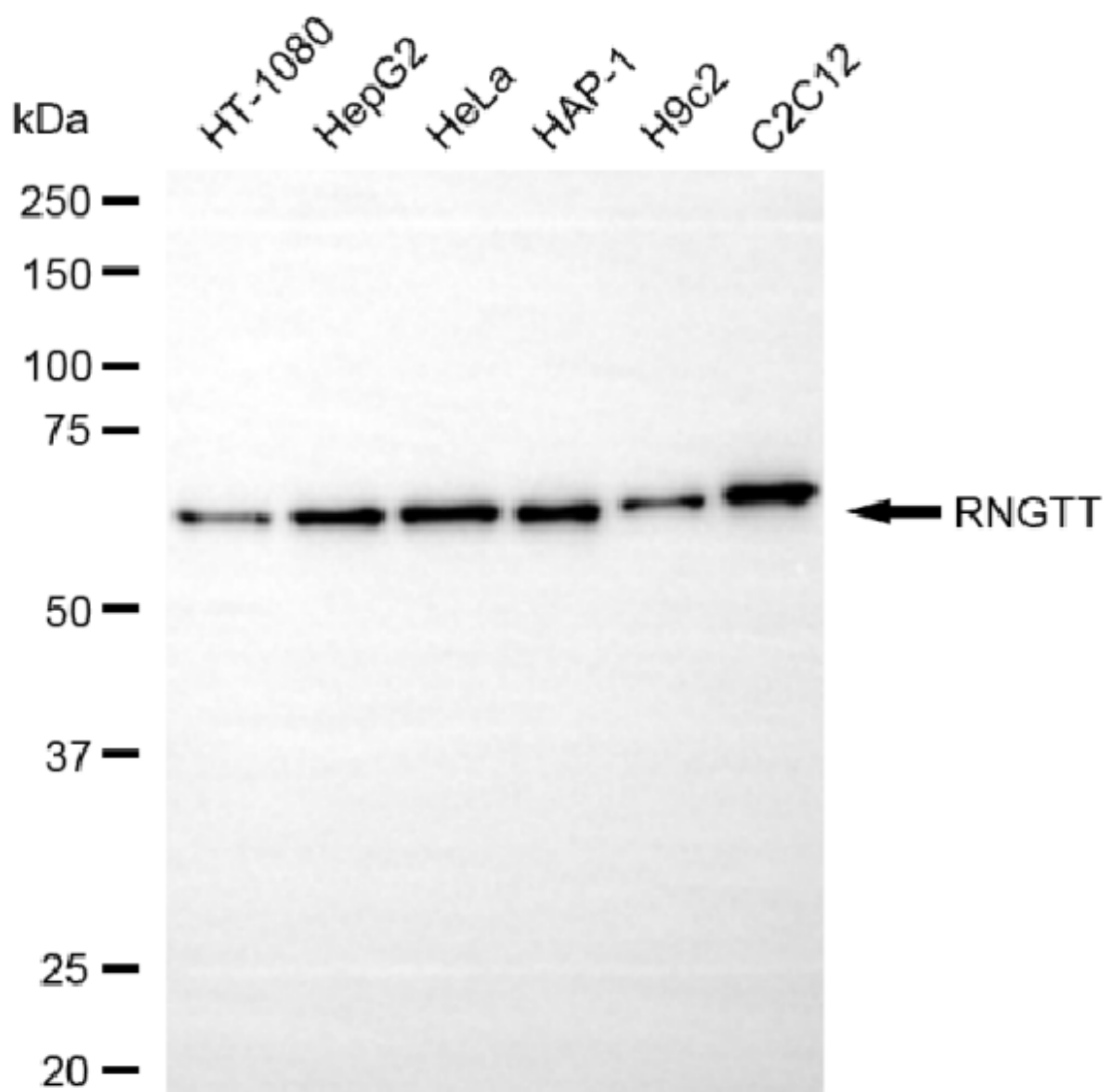
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Western blotting analysis using anti-RNGTT antibody (Cat#5644). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RNGTT antibody (Cat#5644, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

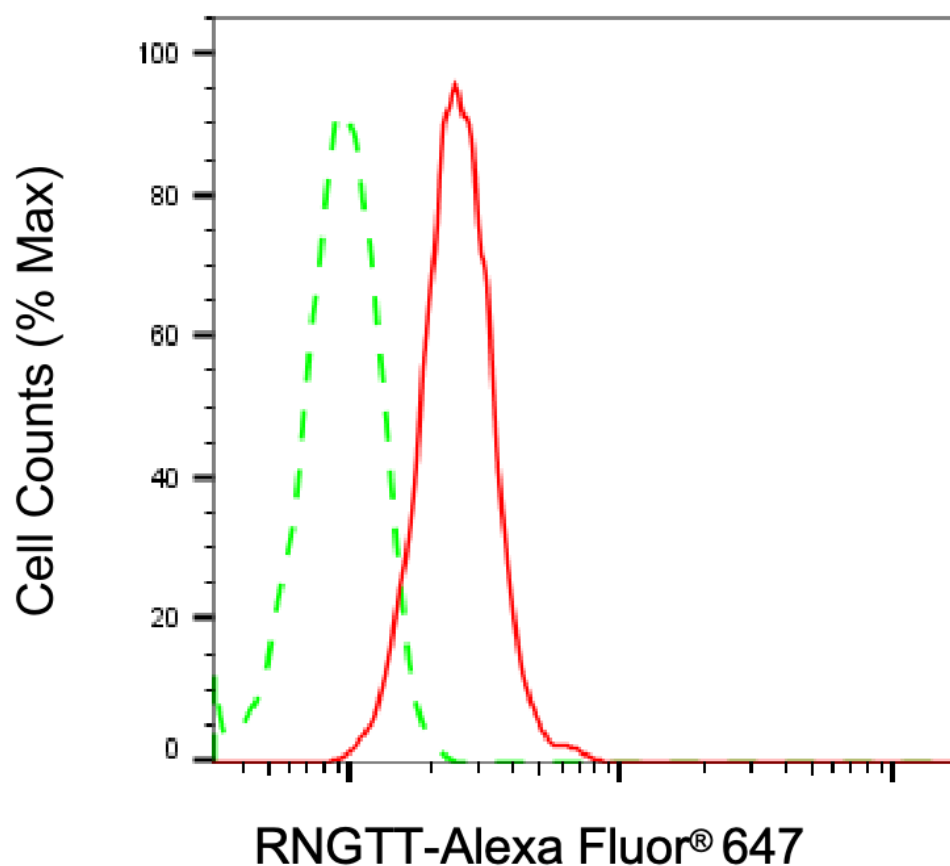
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Flow cytometric analysis of RNGTT expression in C2C12 cells using anti-RNGTT antibody (Cat#5644, 1:2,000). Green, isotype control; red, RNGTT.