

Datasheet for ABIN6147053
anti-RNGTT antibody (AA 1-260)



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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), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human RNGTT (NP_003791.3).
Sequence:	MAHNKIPPRW LNCPRRGQPV AGRFLPLKTM LGPRYDSQVA EENRFHPSML SNYLKSLKVK MGLLVDLTNT SRFYDRNDIE KEGIKYIKLQ CKGHGECPTT ENTETFIRLC ERFNERNPPE LIGVHCTHGF NRTGFLICAF LVEKMDWSIE AAVATFAQAR PPGIYKGDYL KELFRRYGDI EEAPPPLLP DWCFEDDEDE DEDEDGKKES EPGSSASFGK RRKERLKLGA IFLEGVTVKG VTQVTTQPKL GEVQQKCHQF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

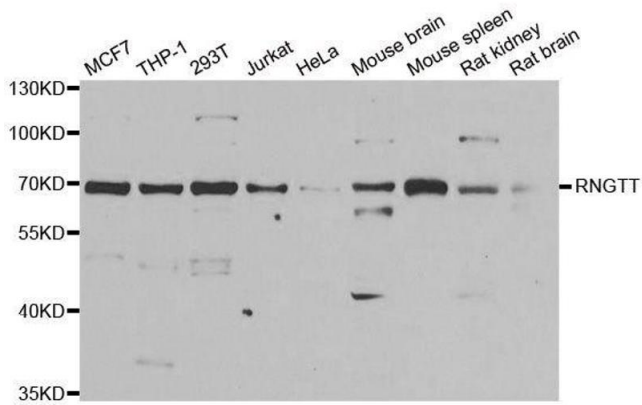
Target:	RNGTT
Alternative Name:	RNGTT (RNGTT Products)
Background:	Bifunctional mRNA-capping enzyme exhibiting RNA 5'-triphosphate monophosphatase activity in the N-terminal part and mRNA guanylyltransferase activity in the C-terminal part. Catalyzes the first two steps of cap formation: by removing 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.,RNGTT,CAP1A,HCE,HCE1,hCAP,Epigenetics & Nuclear Signaling,RNGTT
Molecular Weight:	52 kDa/61 kDa/66 kDa/68 kDa
Gene ID:	8732
UniProt:	O60942

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

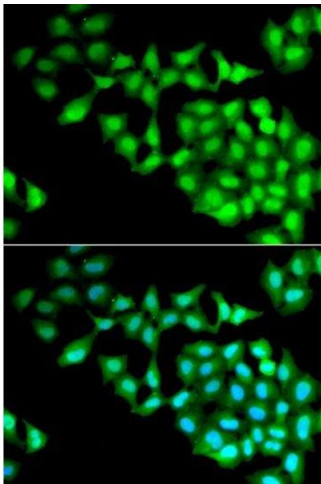
Handling

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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RNGTT antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells using RNGTT antibody.