

Datasheet for ABIN6991828
anti-RC3H1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	RC3H1
Binding Specificity:	AA 1040-1090, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RC3H1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal RC3H1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RC3H1. The immunogen is located within amino acids 1040 - 1090 of RC3H1.
Isotype:	IgG
Specificity:	At least three isoforms of RC3H1 are known to exist, this antibody will detect all three isoforms.
Purification:	RC3H1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RC3H1
Alternative Name:	RC3H1 (RC3H1 Products)

Target Details

Background:	RC3H1 Antibody: The ring finger protein RC3H1, also known as Roquin, is a highly conserved member of the RING type ubiquitin ligase protein family whose M199R mutation leads to the excessive production of follicular helper T cells and germinal centers in the sanroque strain of mice, a strain with excessive IL-21 production and high titers of autoantibodies. The complete loss of RC3H1 induces early death and immune deregulation but not autoimmunity in RC3H1-null mice, suggesting that the mutant RC3H1 is more disruptive to the immune system than its complete loss.
Molecular Weight:	125 kDa
Gene ID:	149041
NCBI Accession:	NP_742068
UniProt:	Q5TC82
Pathways:	Ribonucleoprotein Complex Subunit Organization , Activated T Cell Proliferation

Application Details

Application Notes:	RC3H1 antibody can be used for detection of RC3H1 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RC3H1 Antibody is supplied in PBS containing 0.02 % sodium azide.
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, 4 °C
Storage Comment:	RC3H1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.