

## Product datasheet for **TA343856**

### RNPC3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RNPC3 antibody: synthetic peptide directed towards the middle region of human RNPC3. Synthetic peptide located within the following region: LHAPLPPTSPQPPEEPPLPDEDEELSSESEYESTDDEDRQRMNKLMELE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	RNA binding region (RNP1, RRM) containing 3
Database Link:	<a href="#">NP_060089</a> <a href="#">Entrez Gene 55599 Human</a> <a href="#">Q96LT9</a>



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**Background:**

RNPC3 is an RNA-binding protein involved in pre-mRNA splicing. RNPC3 participates in pre-mRNA U12-dependent splicing. RNPC3 binds to the 3'-stem-loop of m7G-capped U12 snRNA. Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes U2-type introns, which represent more than 99% of pre-mRNA introns. The minor U12-type spliceosome is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome consists of several small nuclear RNAs and associated proteins. This gene encodes a 65K protein that is a component of the U12-type spliceosome. This protein contains two RNA recognition motifs (RRMs), suggesting that it may contact one of the small nuclear RNAs of the minor spliceosome.

**Synonyms:**

RBM40; RNP; SNRNP65

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 92%; Pig: 92%; Horse: 92%; Bovine: 92%; Rabbit: 92%; Rat: 85%; Mouse: 85%; Yeast: 77%

**Product images:**

WB Suggested Anti-RNPC3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive  
Control: Human Spleen