

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:

LHAPLPPTSPQPPEEPPLPDEDEELSSEESEYESTDDEDRQRMNKLMELA

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: NP 060089

Entrez Gene 55599 Human

Q96LT9



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Background:

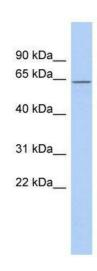
RNPC3 is an RNA-binding protein involved in pre-mRNA splicing. RNPC3 participates in pre-mRNA U12-dependent splicing. RNPC3 binds to the 3'-stem-loop of m7G-capped U12 snRNA. Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes 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