

Datasheet for ABIN2779114  
**anti-RNP antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	RNP (RNPC3)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNP antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RNPC3
Sequence:	LHAPLPPTSP QPPEEPPLPD EDEELSSEES EYESTDDED R QRMNKLME LA
Predicted Reactivity:	Cow: 92%, Dog: 92%, Horse: 92%, Human: 100%, Mouse: 85%, Pig: 92%, Rabbit: 92%, Rat: 85%, Yeast: 77%
Characteristics:	This is a rabbit polyclonal antibody against RNPC3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RNP (RNPC3)
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## Target Details

Alternative Name:	RNPC3 ( <a href="#">RNPC3 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: FLJ20008, FLJ25070, KIAA183, RBM40, RNP</p> <p>Protein Interaction Partner: SMAD2, CPSF1, CDK19, RPS3A, APP, PRNP, RNU11, RNU12-2P,</p> <p>Protein Size: 517</p>
Molecular Weight:	58 kDa
Gene ID:	55599
NCBI Accession:	<a href="#">NM_017619</a> , <a href="#">NP_060089</a>
UniProt:	<a href="#">Q96LT9</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 517 AA
Restrictions:	For Research Use only

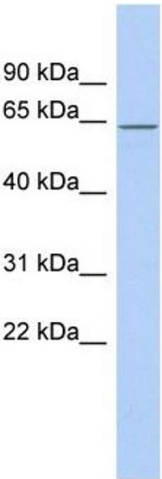
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



**Western Blotting**

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