

Datasheet for ABIN541170

**anti-RRM2B antibody (AA 2-17)**[2 Images](#)[2 Publications](#)[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	RRM2B
Binding Specificity:	AA 2-17
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of RRM2B.
Immunogen:	A synthetic peptide corresponding to amino acids 2-17 of human RRM2B.
Sequence:	GDPERPEAAG LDQDER
Specificity:	A 39 KDa band can be detected.
Cross-Reactivity:	Human, Mouse, Rat

## Target Details

Target:	RRM2B
Alternative Name:	RRM2B / P53R2 ( <a href="#">RRM2B Products</a> )
Gene ID:	50484

## Target Details

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Pathways: [p53 Signaling](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

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Application Notes: Western Blot (0.5-1 µg/mL)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In PBS (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: 4 °C, -20 °C

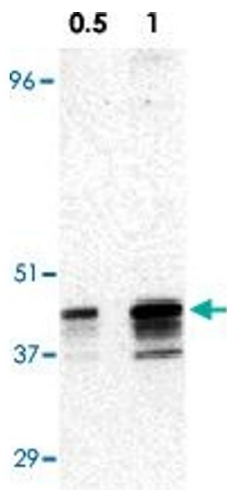
Storage Comment: Store at 4°C for three months. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

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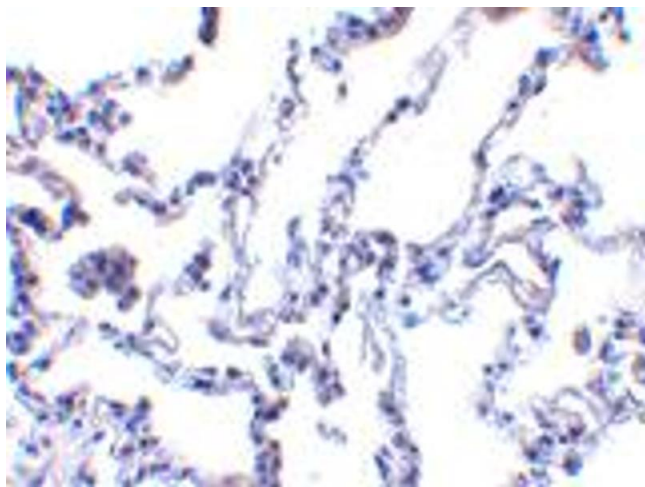
Product cited in: Oda, Ohki, Murasawa, Nemoto, Shibue, Yamashita, Tokino, Taniguchi, Tanaka: "Noxa, a BH3-only member of the Bcl-2 family and candidate mediator of p53-induced apoptosis." in: **Science (New York, N.Y.)**, Vol. 288, Issue 5468, pp. 1053-8, (2000) ([PubMed](#)).

Oda, Arakawa, Tanaka, Matsuda, Tanikawa, Mori, Nishimori, Tamai, Tokino, Nakamura, Taya: "p53AIP1, a potential mediator of p53-dependent apoptosis, and its regulation by Ser-46-phosphorylated p53." in: **Cell**, Vol. 102, Issue 6, pp. 849-62, (2000) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot analysis of RRM2B expression in A-431 cell lysate with RRM2B polyclonal antibody at 0.5 and 1 ug /mL .



Immunohistochemistry

**Image 2.** Immunohistochemistry of RRM2B in human lung tissue with RRM2B polyclonal antibody at 1 ug/mL .