

## Datasheet for ABIN634182 **anti-RRM2 antibody (N-Term)**



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	RRM2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	RRM2 antibody was raised using the N terminal of RRM2 corresponding to a region with amino acids PALS <sub>G</sub> TRVLASKTARRIFQEPTEPKTKAAAPGVEDEPLLRENPRRFVIFP
Specificity:	RRM2 antibody was raised against the N terminal of RRM2
Purification:	Affinity purified

#### Target Details

Target:	RRM2
Alternative Name:	RRM2 ( <a href="#">RRM2 Products</a> )
Background:	RRM2 provides the precursors necessary for DNA synthesis. RRM2 catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. RRM2 inhibits Wnt signaling. Ribonucleotide reductase catalyzes the formation of deoxyribonucleotides from

## Target Details

---

ribonucleotides. It is composed of 2 non-identical subunits, proteins M1 and M2. Synthesis of M2 is regulated in a cell-cycle dependent fashion.

Molecular Weight: 45 kDa (MW of target protein)

Pathways: [Mitotic G1-G1/S Phases](#)

## Application Details

---

Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: RRM2 Blocking Peptide, catalog no. 33R-6966, is also available for use as a blocking control in assays to test for specificity of this RRM2 antibody

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RRM2 antibody in PBS

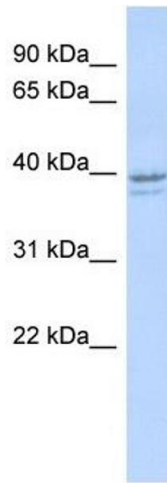
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** RRM2 antibody used at 1 ug/ml to detect target protein.