

Datasheet for ABIN1537814
anti-RRM2B antibody (AA 128-157)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	RRM2B
Binding Specificity:	AA 128-157
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RRM2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-157 amino acids from the Central region of human RRM2B.
Clone:	RB36901
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RRM2B
Alternative Name:	RRM2B (RRM2B Products)

Target Details

Background: This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.

Molecular Weight: 40737

Gene ID: 50484

NCBI Accession: [NP_001165948](#), [NP_001165949](#), [NP_056528](#)

UniProt: [Q7LG56](#)

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

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

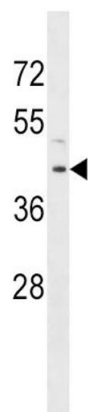
Preservative: Sodium azide

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: RRM2B Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. RRM2B Antibody (Center) (ABIN1537814 and ABIN2848702) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the RRM2B antibody detected the RRM2B protein (arrow).