

Datasheet for ABIN7010535
anti-RRM2 antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	60 µL
Target:	RRM2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human RRM2 (NP_001025.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	RRM2
Alternative Name:	RRM2 (RRM2 Products)
Background:	This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the

Target Details

lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X.

Molecular Weight: Observed_MW: 45 kDa
Calculated_MW: 44 kDa/51 kDa

Gene ID: 6241

UniProt: [P31350](#)

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

Application Details

Application Notes: WB 1:500-1:2000 IF 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

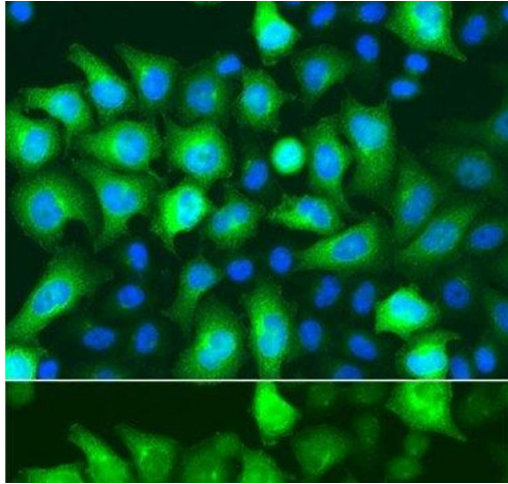
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

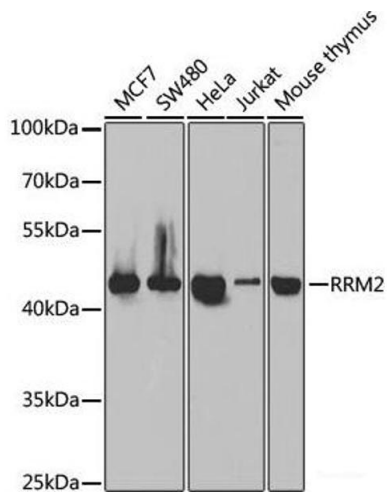
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells using RRM2 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using RRM2 Polyclonal Antibody at dilution of 1:1000.