

RRM2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6619c**Specification**

RRM2 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P31350
Other Accession	Q4R7Q7
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44878
Antigen Region	96-125

RRM2 Antibody (Center) - Additional Information**Gene ID** 6241**Other Names**

Ribonucleoside-diphosphate reductase subunit M2, Ribonucleotide reductase small chain, Ribonucleotide reductase small subunit, RRM2, RR2

Target/Specificity

This RRM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-125 amino acids from the Central region of human RRM2.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RRM2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RRM2 Antibody (Center) - Protein Information**Name** RRM2

Synonyms RRM2

Function Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Inhibits Wnt signaling.

Cellular Location

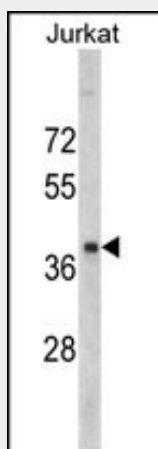
Cytoplasm. Nucleus. Note=Localized to the cytoplasm in S phase cells. May localize to the nucleus in G2 phase cells

RRM2 Antibody (Center) - Protocols

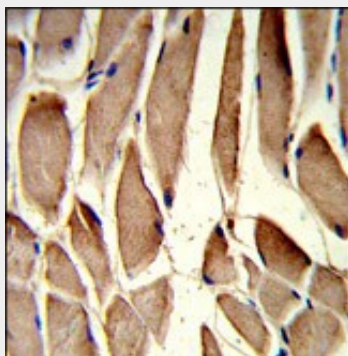
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RRM2 Antibody (Center) - Images



Western blot analysis of RRM2 antibody (Center) (Cat. #AP6619c) in Jurkat cell line lysates (35ug/lane). RRM2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human skeletal muscle reacted with RRM2 Antibody

(Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

RRM2 Antibody (Center) - Background

RRM2 is one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the protein (M2) is regulated in a cell-cycle dependent fashion.

RRM2 Antibody (Center) - References

Kolesar,J., Cancer Chemother. Pharmacol. 64 (1), 79-86 (2009)
Liu,X., Methods Mol. Biol. 477, 195-206 (2008)