

Rabbit RRM2 Polyclonal Antibody | anti-RRM2 antibody

RRM2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287809	Rabbit	Human (Predicted Reactivity: Monkey)	Immunohistochemistry, ELISA, Western Blot

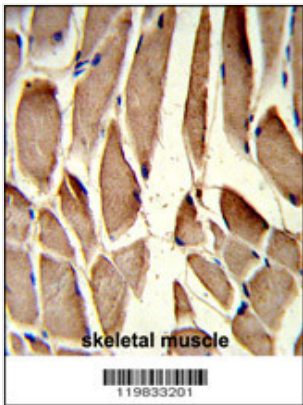
PRODUCT SYNONYMS

RRM2; Polyclonal Antibody; RRM2 Antibody (Center); Ribonucleoside-diphosphate reductase subunit M2; Ribonucleotide reductase small chain; Ribonucleotide reductase small subunit; RR2; anti-RRM2 antibody

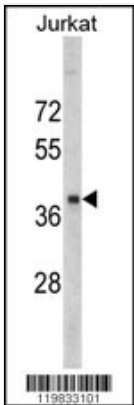
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	96-125
Sequence Length	449
Applicable Applications for anti-RRM2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-RRM2 antibody	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.
References	Kolesar,J., Cancer Chemother. Pharmacol. 64 (1), 79-86 (2009) Liu,X., Methods Mol. Biol. 477, 195-206 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557845
NCBI GeneID	6241
NCBI Accession #	NP_001025.1; NP_001159403.1
NCBI GenBank Nucleotide #	NM_001034.3
UniProt Accession #	P31350; Q5WRU7; B2R9B5; J3KP43
Molecular Weight	44878
NCBI Official Full Name	ribonucleoside-diphosphate reductase subunit M2 isoform 2
NCBI Official Synonym Full Names	ribonucleotide reductase M2
NCBI Official Symbol	RRM2
NCBI Official Synonym Symbols	R2; RR2; RR2M
NCBI Protein Information	ribonucleoside-diphosphate reductase subunit M2
UniProt Protein Name	Ribonucleoside-diphosphate reductase subunit M2
UniProt Gene Name	RRM2
UniProt Synonym Gene Names	RR2
UniProt Entry Name	RIR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

