

Rabbit anti-Human, Mouse RRM1 Polyclonal Antibody | anti-RRM1 antibody

RRM1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281026	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

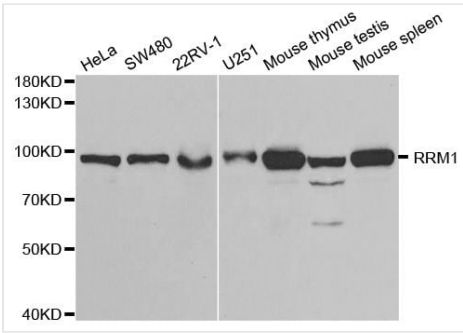
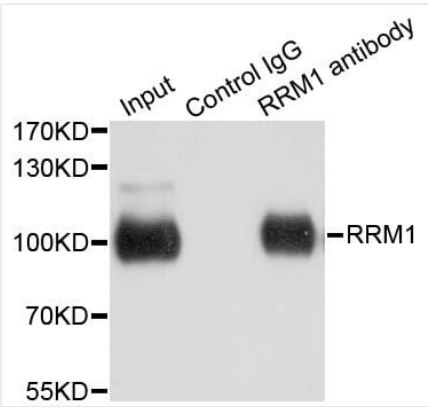
PRODUCT SYNONYMS

RRM1; Polyclonal Antibody; RRM1 Polyclonal Antibody; R1; RIR1; RR1; anti-RRM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	IRNSLLIAPM PTASTAQILG NNESIEPYTS NIYTRRVLSG EFQIVNPHLL KDLTERGLWH EEMKNQIIAC NGSIQSIPEI PDDLKQLYKT VWEISQKTVL KMAAERGAFI DQSQSLNIHI AEPNYGKLTS MHFYGWKQGL KTGMYYLRTT PAANPIQFTL NKEKLKDEK VSKEEEEEKER NTAAMVCSLE NRDECLMCGS
Sequence Length	792
Applicable Applications for anti-RRM1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant protein of human RRM1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Positive Samples	HeLa, SW480, 22Rv1, U-251MG, Mouse thymus, Mouse testis, Mouse spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RRM1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of HeLa cells using 1ug RRM1 antibody. Western blot was performed from the immunoprecipitate using RRM1 antibody at a dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-RRM1 antibody	This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of available deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as multiple DNA repair processes. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-RRM1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506749
NCBI GeneID	6240
NCBI Accession #	NP_001024.1
NCBI GenBank Nucleotide #	NM_001033.4
UniProt Accession #	P23921 ; Q9UNN2
Molecular Weight	Calculated: 90kDa Observed: 95kDa
NCBI Official Full Name	ribonucleoside-diphosphate reductase large subunit isoform 1
NCBI Official Synonym Full Names	ribonucleotide reductase catalytic subunit M1
NCBI Official Symbol	RRM1
NCBI Official Synonym Symbols	R1; RR1; RIR1
NCBI Protein Information	ribonucleoside-diphosphate reductase large subunit
UniProt Protein Name	Ribonucleoside-diphosphate reductase large subunit
UniProt Gene Name	RRM1
UniProt Synonym Gene Names	RR1

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.

