

Rabbit RRM2 Polyclonal Antibody | anti-RRM2 antibody

RRM2 Antibody

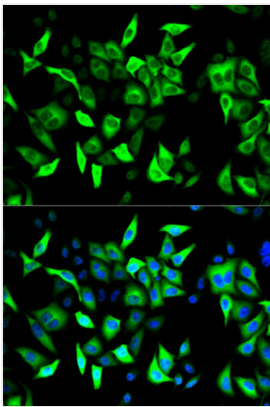
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29694	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

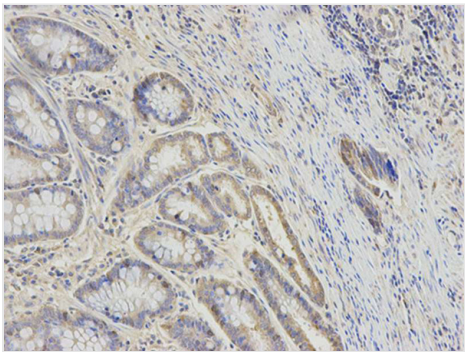
RRM2; Polyclonal Antibody; RRM2 Antibody; R2; RR2M; anti-RRM2 antibody

PRODUCT SPECIFICATIONS

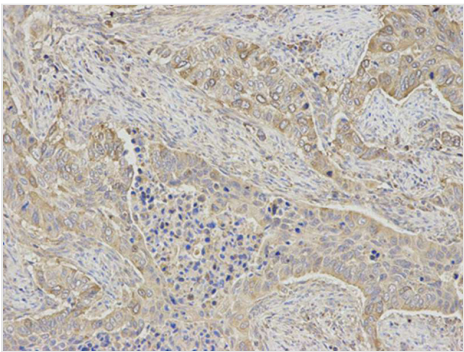
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total RRM2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	389
Applicable Applications for anti-RRM2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RRM2.
Target Name	RRM2
Preparation and Storage	Store at -20 degree C



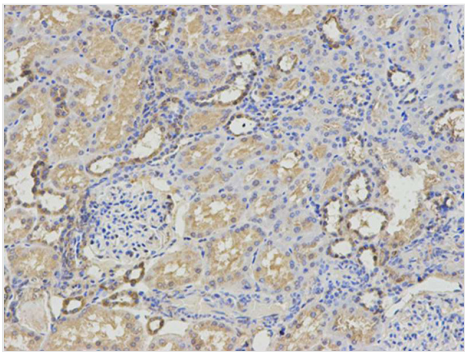
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using RRM2 antibody. Blue: DAPI for nuclear staining



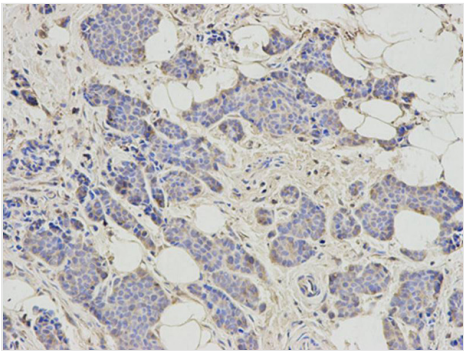
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human stomach using RRM2 antibody at dilution of 1:200 (200x lens).



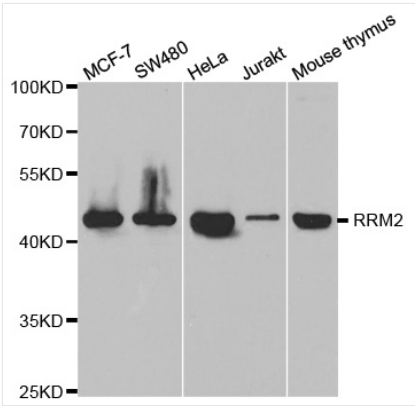
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human esophageal cancer using RRM2 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney using RRM2 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast cancer using RRM2 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RRM2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RRM2 antibody	Ribonucleotide reductase M2 subunit is one of two subunits that constitute ribonucleotide reductase, the enzyme that catalyzes the conversion of ribonucleotide 5'-diphosphates into 2'-deoxyribonucleotides, a rate-limiting step in the production of 2'-deoxyribonucleoside 5'-diphosphates (dNTP) required for DNA synthesis and repair that is required for DNA synthesis and repair. RRM2 is only expressed during the late G1/early S phase, and degraded in late S phase, and the activity of RNR, and therefore DNA synthesis and cell proliferation, is controlled during the cell cycle by the synthesis and degradation of RRM2 subunit.
Product Categories/Family for anti-RRM2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557845
NCBI GeneID	6241
NCBI Accession #	NP_001025.1
NCBI GenBank Nucleotide #	NM_001034.3
UniProt Accession #	P31350; Q5WRU7; B2R9B5; J3KP43
Molecular Weight	51,093 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rrm2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29694>