

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

RRM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305932	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

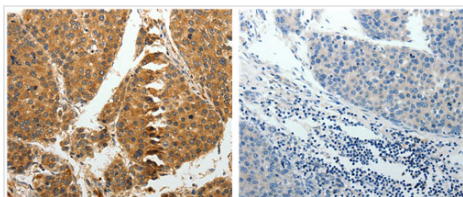
PRODUCT SYNONYMS

RRM1; Polyclonal Antibody; RRM1 Antibody; Ribonucleotide reductase M1; R1; RR1; RIR1; anti-RRM1 antibody

PRODUCT SPECIFICATIONS

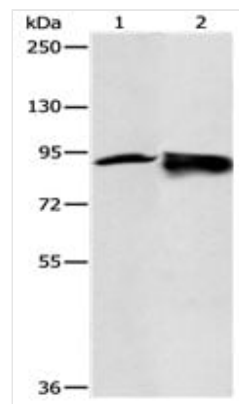
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total RRM1 protein.
Form/Format	Supplied at 0.5mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	3073
Applicable Applications for anti-RRM1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to C terminal 226 amino acids of human ribonucleotide reductase M1
Target Name	RRM1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using 31118 (RRM1 Antibody) at dilution 1/15, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lane1: Hela cell lysate Lane2: 231 cell lysate Lysates: 50 ug per lane
Primary antibody: 1/200 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-RRM1 antibody	This gene encodes one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocrotical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region.
Product Categories/Family for anti-RRM1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33870499
NCBI GeneID	6240
Molecular Weight	90,070 Da
NCBI Official Full Name	Homo sapiens ribonucleotide reductase M1, mRNA
NCBI Official Synonym Full Names	ribonucleotide reductase 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
UniProt Entry Name	RIR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rrm1-antibody-immunohistochemistry-western-blot-elisa/305932>