

Rabbit anti-Human E3 Ribonucleoside-diphosphate reductase subunit M2 B Polyclonal Antibody | anti-RRM2B antibody

Rabbit anti-human E3 Ribonucleoside-diphosphate reductase subunit M2 B polyclonal Antibody(RRM2B)

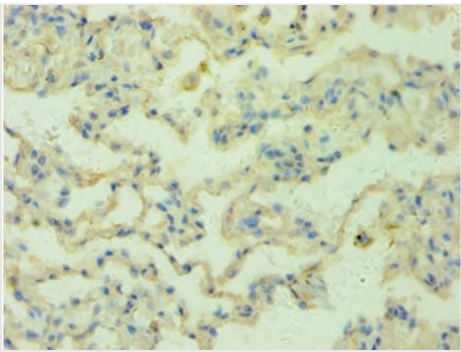
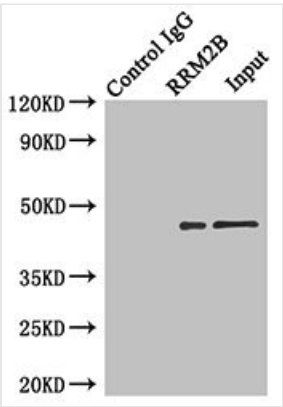
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119882	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

E3 Ribonucleoside-diphosphate reductase subunit M2 B; Polyclonal Antibody; Rabbit anti-human E3 Ribonucleoside-diphosphate reductase subunit M2 B polyclonal Antibody(RRM2B); TP53-inducible ribonucleotide reductase M2 B; p53-inducible ribonucleotide reductase small subunit 2-like protein; p53R2; RRM2B; P53R2; anti-RRM2B antibody

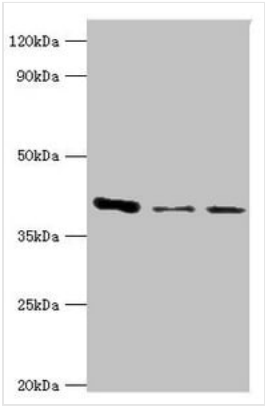
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	423
Applicable Applications for anti-RRM2B antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Ribonucleoside-diphosphate reductase subunit M2 B protein (1-351aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10840 / sc-98384
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung using AAA119882 at dilution 1:100

IP (Immunoprecipitation)
Immunoprecipitating RRM2B in MCF-7 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug)instead of AAA119882 in MCF-7 whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: AAA119882(4ug)+ MCF-7 whole cell lysate(500ug) Lane 3: MCF-7 whole cell lysate (20ug)



WB (Western Blot)
All lanes: E3 Ribonucleoside-diphosphate reductase subunit M2 B antibody at 6ug/ml Lane 1: MCF-7 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: HepG2 whole cell lysate Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 41,35,16,8,5,49 kDa Observed band size: 41 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RRM2B antibody	Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289177074
NCBI GeneID	50484
NCBI Accession #	NP_001165948.1
NCBI GenBank Nucleotide #	NM_001172477.1
UniProt Accession #	Q7LG56; Q17R22; Q75PQ6; Q75PQ7; Q75PY8; Q75PY9; Q86YE3; Q9NPD6; Q9NTD8; Q9NUW3; B4E2N4
Molecular Weight	48,787 Da
NCBI Official Full Name	ribonucleoside-diphosphate reductase subunit M2 B isoform 2

NCBI Official Synonym Full Names	ribonucleotide reductase regulatory TP53 inducible subunit M2B
NCBI Official Symbol	RRM2B
NCBI Official Synonym Symbols	P53R2; MTDPS8A; MTDPS8B
NCBI Protein Information	ribonucleoside-diphosphate reductase subunit M2 B
UniProt Protein Name	Ribonucleoside-diphosphate reductase subunit M2 B
UniProt Gene Name	RRM2B
UniProt Synonym Gene Names	P53R2; p53R2
UniProt Entry Name	RIR2B_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/e3-ribonucleoside-diphosphate-reductase-subunit-m2-b-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/119882>