

RRM1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 90kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human RRM1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

e

Synonym:

RRM1;R1;RIR1;RR1 ;

Catalog #: A1152

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6240

Isotype: IgG

Swiss Prot: P23921

Purity: Affinity purification

For research use only.

Background:

Ribonucleotide reductase catalyzes the rate-limiting step in the synthesis of deoxynucleotide triphosphates (dNTPs). The regulatory M1 subunit (RRM1) is present throughout the cell division cycle, but downregulated in quiescent cells (1). Research studies have demonstrated that RRM1 is involved in carcinogenesis and tumor progression, and its expression is correlated with resistance to chemotherapy in non-small cell lung cancer (2-4).

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