

RRM2B

Reactivity: Human

Tested applications: WB IHC ICC IP FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 ICC 1:50 - 1:200 IP 1:20 - 1:100
FC 1:20 - 1:100

Calculated MW: 41kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human RRM2B

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

P53R2; MTDPS8A; MTDPS8B;

Catalog #: A5516

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 50484

Isotype: IgG

Swiss Prot: Q7LG56

Purity: Affinity purification

For research use only.

Background:

This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.

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