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RRM2B

Reactivity: Human Mouse Rat

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:50 - 1:100

Calculated MW:41kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RRM2B

Storage Buffer:

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

Synonym:

P53R2; MTDPS8A; MTDPS8B;

Catalog #:A8020

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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