

RRM2B Rabbit pAb

Catalog No.: A8020

1 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

41kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human

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.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

50484

Swiss Prot

Q7LG56

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RRM2B (NP_056528.2).

Synonyms

P53R2; RCDFRD; MTDPS8A; MTDPS8B; RRM2B

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

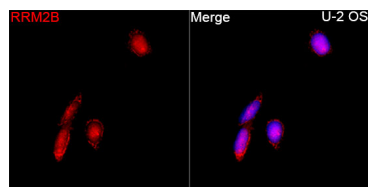
Affinity purification

Storage

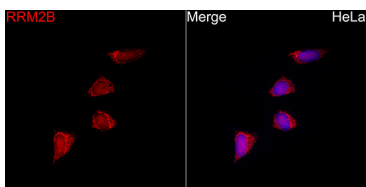
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of U-2 OS cells using RRM2B Rabbit pAb (A8020) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using RRM2B Rabbit pAb (A8020) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.