

Product datasheet for TA362635

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p53R2 (RRM2B) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the C terminal region of human Immunogen:

RRM2B

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 32 kDa

Gene Name: ribonucleotide reductase regulatory TP53 inducible subunit M2B

Database Link: NP 001165948.1

Entrez Gene 50484 Human

Q7LG56-2



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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.

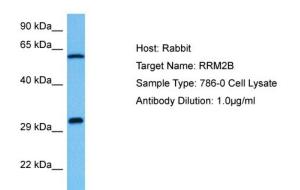
Synonyms: DKFZp686M05248; MGC42116; MGC102856; p53R2; PEOA5

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Glutathione metabolism, Metabolic pathways, p53 signaling pathway, Purine metabolism,

Pyrimidine metabolism

Product images:



Host: Rabbit Target Name: RRM2B

Sample Tissue: Human 786-0 Whole Cell lysates

Antibody Dilution: 1ug/ml