

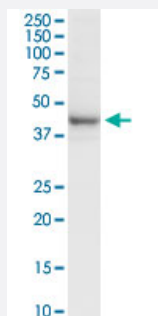
MaxPab®

# RRM2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006241-D01P

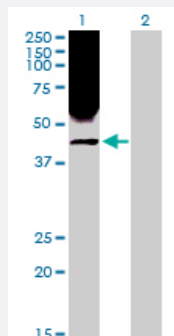
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

RRM2 MaxPab rabbit polyclonal antibody. Western Blot analysis of RRM2 expression in human placenta.



### Western Blot (Transfected lysate)

Western Blot analysis of RRM2 expression in transfected 293T cell line ([H00006241-T01](#)) by RRM2 MaxPab polyclonal antibody.

Lane 1: RRM2 transfected lysate(44.90 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human RRM2 protein.

### Immunogen

RRM2 (NP\_001025.1, 1 a.a. ~ 389 a.a) full-length human protein.

### Sequence

MLSLRVPLAPITDPQQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTPKTKAAAPG  
VEDEPLLRENPRRFVIFPIEYHDWQMYKAEASFWTAAEEVDLSKDIQHWESLKPEERYFISHVLA  
FFAASDGMNENLVERFSQEVQITEARCFYGFQIAMENIHSEMYSLIDTYIKDPKEREFLFNAIETMP  
CVKKKADWALRWIGDKAEATYGERVVAAFAVEGIFSGSFASIFWLKKRGLMPGLTFSNELISRDE  
GLHCDFACLMFKHLVHKPSEERVREIIINAVRIEQEFLTEALPVKLIGMNCTLMKQYIEFVADRLMLE  
LGFSKVFRVENPFDPMENISLEGKTNFFEKRVGEYQRMGVMSSPTENSFTLDADF

### Host

Rabbit

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

RRM2 MaxPab rabbit polyclonal antibody. Western Blot analysis of RRM2 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RRM2 expression in transfected 293T cell line ([H00006241-T01](#)) by RRM2 MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — RRM2

|                     |                                         |
|---------------------|-----------------------------------------|
| Entrez GeneID       | <a href="#">6241</a>                    |
| GeneBank Accession# | <a href="#">NM_001034</a>               |
| Protein Accession#  | <a href="#">NP_001025.1</a>             |
| Gene Name           | RRM2                                    |
| Gene Alias          | R2, RR2M                                |
| Gene Description    | ribonucleotide reductase M2 polypeptide |
| Omim ID             | <a href="#">180390</a>                  |
| Gene Ontology       | <a href="#">Hyperlink</a>               |

**Gene Summary**

This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq]

**Other Designations**

ribonucleotide reductase M2 subunit

**Pathway**

- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [p53 signaling pathway](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

**Disease**

- [Abortion](#)
- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)