

MCM7

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 81kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human MCM7

Storage Buffer:

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

Synonym:

CDABP0042; CDC47; MCM2; P1.1-MCM3; P1CDC47; P85MCM; PNAS-146

Catalog #: A0576

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4176

Isotype: IgG

Swiss Prot: P33993

Purity: Affinity purification

For research use only.

Background:

Genes encoding PPR (pentatricopeptide repeat)-containing proteins constitute one of the largest gene families in plants. The majority of these proteins are predicted to target organelles and to bind to RNA. Strikingly, there is a dearth of these proteins in mammals, although genomic searches reveal six candidates, all of which are also predicted to target the mitochondrion. One of these proteins, MRPS27 is participated in transcription and translation respectively.

[PMID:18939947] MRPS27 is a component of the small subunit of the mitochondrial ribosome that is encoded by the nuclear genome [PMID: 11279123].

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