

## 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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