

MCM8

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:1000

Calculated MW: 94kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MCM8

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

POF10; C20orf154; dJ967N21.5;

Catalog #: A2762

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 84515

Isotype: IgG

Swiss Prot: Q9UJA3

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the mini-chromosome maintenance proteins is a key component of the pre-replication complex and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein contains the central domain that is conserved among the mini-chromosome maintenance proteins. The encoded protein may interact with other mini-chromosome maintenance proteins and play a role in DNA replication. This gene may be associated with length of reproductive lifespan and menopause. Alternatively spliced transcript variants encoding distinct isoforms have been described.

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