

## Product datasheet for **TA322142**

### MCM8 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB: 200-1000<br>WB positive control: Jurkat cells   |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Fusion protein corresponding to C terminal 300 amino acids of human minichromosome maintenance complex component 8  |
| Formulation:            | PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol  |
| Concentration:          | lot specific  |
| Purification:           | Antigen affinity purification   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 94 kDa  |
| Gene Name:              | minichromosome maintenance 8 homologous recombination repair factor   |
| Database Link:          | <a href="#">NP_115874</a><br><a href="#">Entrez Gene 66634 Mouse</a> <a href="#">Entrez Gene 296178 Rat</a> <a href="#">Entrez Gene 84515 Human</a><br><a href="#">Q9UJA3</a> |



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**Background:**

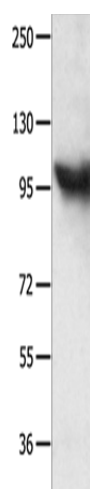
The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre\_RC) and may 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 MCM proteins. This protein has been shown to co-immunoprecipitate with MCM4; 6 and 7; which suggests that it may interact with other MCM proteins and play a role in DNA replication. Alternatively spliced transcript variants encoding distinct isoforms have been described.

**Synonyms:**

C20orf154; dj967N21.5; POF10

**Protein Families:**

Transcription Factors

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane: Jurkat cells

Primary antibody: TA322142 (MCM8 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute