# F01G4.6 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | F01G4.6, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Caenorhabditis elegans F01G4.6 Polyclonal Antibody |
| **Product Gene Name** | anti-F01G4.6 antibody |
| **Product Synonym Names** | F01G4.6 Antibody; Phosphate carrier protein, mitochondrial; PTP; F01G4.6 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Caenorhabditis elegans |
| **Form/Format** | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH7.4 |
| **Purity/Purification** | Antigen-affinity |
| **Preparation and Storage** | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |
| **Molecular Weight** | 36,674 Da |
| **Chromosome Location** | Chromosome: IV; NC_003282.7 (11147641..11149474, complement). Location: chromosome: IV |
| **3D Structure** | ModBase 3D Structure for P40614 |
| **Immunogen** | Recombinant Caenorhabditis elegans F01G4.6 protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-F01G4.6 antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-F01G4.6 antibody** | MBS7157592 is an antibody targeting F01G4.6. Also known as Rabbit anti-Caenorhabditis elegans F01G4.6 Polyclonal Antibody. Reactive in Caenorhabditis elegans. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-F01G4.6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for F01G4.6. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 133901794 |
| **NCBI GeneID** | 178020 |
| **NCBI Accession #** | NP_001076672.1 |
| **UniProt Primary Accession #** | P40614 |

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| **UniProt Related Accession #** | S44093 |
| **GenBank Nucleotide #** | NM_001083203.2 |
| **NCBI Official Full Name** | Protein F01G4.6, isoform a |
| **NCBI Official Symbol** | F01G4.6 |
| **UniProt Protein Name** | Phosphate carrier protein, mitochondrial |
| **UniProt Gene Name** | PTP |
| **UniProt Synonym Gene Names** | PTP |
| **UniProt Entry Name** | MPCP_CAEEL |
| **NCBI Protein Information** | Protein F01G4.6 |
| **UniProt Comments for F01G4.6** | Function: Transport of phosphate groups from the cytosol to the mitochondrial matrix<br><br>By similarity.<br><br>Subcellular location: Mitochondrion inner membrane; Multi-pass membrane protein.<br><br>Sequence similarities: Belongs to the mitochondrial carrier family.Contains 3 Solcar repeats. |
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