# DNA Antibody – Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | DNA, Polyclonal Antibody |
| **Full Product Name** | DNA pol epsilon 4 Polyclonal Antibody |
| **Product Gene Name** | anti-DNA antibody |
| **Clonality** | Polyclonal |
| **Molecular Weight** | 12,209 Da |
| **OMIM** | 607269 |
| **3D Structure** | ModBase 3D Structure for Q9NR33 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for anti-DNA antibody** | MBS8522354 is an antibody targeting DNA. Also known as DNA pol epsilon 4 Polyclonal Antibody. |
| **Other Notes** | Small volumes of anti-DNA 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 DNA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 38455394 |
| **NCBI GeneID** | 56655 |
| **NCBI Accession #** | NP_063949.2 |
| **UniProt Primary Accession #** | Q9NR33 |
| **UniProt Secondary Accession #** | Q53TR2 |
| **UniProt Related Accession #** | Q9NR33 |
| **GenBank Nucleotide #** | NM_019896.3 |
| **NCBI Official Full Name** | DNA polymerase epsilon subunit 4 |
| **NCBI Official Synonym Full Names** | DNA polymerase epsilon 4, accessory subunit |
| **NCBI Official Symbol** | POLE4 |
| **NCBI Official Synonym Symbols** | p12; YHHQ1 |
| **UniProt Protein Name** | DNA polymerase epsilon subunit 4 |
| **UniProt Synonym Protein Names** | DNA polymerase II subunit 4; DNA polymerase epsilon subunit p12 |
| **Protein Family** | DNA |
| **UniProt Gene Name** | POLE4 |
| **NCBI Protein Information** | DNA polymerase epsilon subunit 4 |

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| **NCBI Summary for DNA** | POLE4 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004] |
| **UniProt Comments for DNA** | May play a role in allowing polymerase epsilon to carry out its replication and/or repair function. |
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