# MALT Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | MALT, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Escherichia coli O1:K1/APEC MALT Polyclonal Antibody |
| **Product Gene Name** | anti-MALT antibody |
| **Product Synonym Names** | MALT Antibody; HTH-type transcriptional regulator MalT; ATP-dependent transcriptional activator MalT; malT Ecok1_33880 APECO1_3048 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | E Coli O1:K1/APEC |
| **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** | 103,006 Da |
| **3D Structure** | ModBase 3D Structure for A1AGU2 |
| **Immunogen** | Recombinant Escherichia coli O1:K1 / APEC malT protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-MALT antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-MALT antibody** | MBS7167410 is an antibody targeting MALT. Also known as Rabbit anti-Escherichia coli O1:K1/APEC MALT Polyclonal Antibody. Reactive in E Coli O1:K1/APEC. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-MALT 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 MALT. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 446829716 |
| **NCBI Accession #** | WP_000906972.1 |
| **UniProt Primary Accession #** | A1AGU2 |
| **GenBank Nucleotide #** | WP_000906972.1 |
| **NCBI Official Full Name** | MULTISPECIES: transcriptional regulator |

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| **UniProt Protein Name** | HTH-type transcriptional regulator MalT |
| **UniProt Synonym Protein Names** | ATP-dependent transcriptional activator MalT |
| **Protein Family** | HTH-type transcriptional regulator |
| **UniProt Gene Name** | malT |
| **UniProt Comments for MALT** | Positively regulates the transcription of the maltose regulon whose gene products are responsible for uptake and catabolism of malto-oligosaccharides. Binds and recognizes a DNA motif (called the malT box): 5'-GGA[TG]GA-3'. |
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