

## Rabbit malE Polyclonal Antibody | anti-malE antibody

Rabbit anti-Escherichia coli malE Polyclonal Antibody

|                               |                       |                                       |                              |
|-------------------------------|-----------------------|---------------------------------------|------------------------------|
| CATALOG #<br><b>AAA244104</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Escherichia coli</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|---------------------------------------|------------------------------|

### PRODUCT SYNONYMS

malE; Polyclonal Antibody; Rabbit anti-Escherichia coli malE Polyclonal Antibody; Maltose-binding periplasmic protein (MBP) (MMBP) (Maltodextrin-binding protein); malE Antibody; HRP conjugated; anti-malE antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                 |
|------------------------------------------------|---------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                          |
| Reactivity                                     | Escherichia coli                                                                |
| Clonality                                      | Polyclonal                                                                      |
| Isotype                                        | IgG                                                                             |
| Purity/Purification                            | >95%, Protein G purified                                                        |
| Form/Format                                    | Liquid                                                                          |
| Applicable Applications for anti-malE antibody | ELISA                                                                           |
| Immunogen Species                              | Escherichia coli (Strain K12)                                                   |
| Immunogen                                      | Recombinant Escherichia coli Maltose-binding periplasmic protein (27-396aa)     |
| Conjugation                                    | HRP                                                                             |
| Storage Buffer                                 | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH7.4 |
| Research Area                                  | Tags & Cell Markers                                                             |
| Target Names                                   | malE                                                                            |
| Product Type                                   | Polyclonal                                                                      |
| Preparation and Storage                        | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                   |

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-malE antibody | Part of the ABC transporter complex MalEFGK involved in maltose/maltodextrin import. Binds maltose and higher maltodextrins such as maltotriose. |
| Product Categories/Family for anti-malE antibody   | <a href="#">Tags &amp; Cell Markers</a>                                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                  |                             |
|------------------|-----------------------------|
| NCBI GI #        | <a href="#">16131860</a>    |
| NCBI GeneID      | <a href="#">948538</a>      |
| NCBI Accession # | <a href="#">NP_418458.1</a> |

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #     | <a href="#">NC_000913.3</a>                                              |
| UniProt Accession #           | <a href="#">P0AEX9</a> ; <a href="#">P02928</a> ; <a href="#">Q2M6S0</a> |
| Molecular Weight              | 43,388 Da                                                                |
| NCBI Official Full Name       | maltose transporter subunit                                              |
| NCBI Official Symbol          | malE                                                                     |
| NCBI Official Synonym Symbols | ECK4026; JW3994; malJ                                                    |
| NCBI Protein Information      | maltose transporter subunit                                              |
| UniProt Protein Name          | Maltose-binding periplasmic protein                                      |
| UniProt Gene Name             | <b>malE</b>                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/male-antibody-elisa/244104>