# PYRF Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | PYRF, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Escherichia coli (strain 8739/DSM 1576/Crooks) PYRF Polyclonal Antibody |
| **Product Gene Name** | anti-PYRF antibody |
| **Product Synonym Names** | PYRF Antibody; Orotidine 5'-phosphate decarboxylase; EC 4.1.1.23; OMP decarboxylase; OMPDCase; OMPdecase; pyrF EcolC_2345 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | E Coli (strain 8739/DSM 1576/Crooks) |
| **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** | 26,366 Da |
| **3D Structure** | ModBase 3D Structure for B1ITH3 |
| **Immunogen** | Recombinant Escherichia coli (strain 8739 / DSM 1576 / Crooks) pyrF protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-PYRF antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-PYRF antibody** | MBS7185949 is an antibody targeting PYRF. Also known as Rabbit anti-Escherichia coli (strain 8739/DSM 1576/Crooks) PYRF Polyclonal Antibody. Reactive in E Coli (strain 8739/DSM 1576/Crooks). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-PYRF 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 PYRF. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 446098423 |
| **NCBI Accession #** | WP_000176278.1 |
| **UniProt Primary Accession #** | B1ITH3 |
| **GenBank Nucleotide #** | WP_000176278.1 |
| **NCBI Official Full Name** | MULTISPECIES: orotidine-5'-phosphate decarboxylase |

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| **UniProt Protein Name** | Orotidine 5'-phosphate decarboxylase |
| **UniProt Synonym Protein Names** | OMP decarboxylase |
| **Protein Family** | Orotidine 5'-phosphate decarboxylase |
| **UniProt Gene Name** | pyrF |
| **UniProt Synonym Gene Names** | OMPDCase; OMPdecase |
| **UniProt Comments for PYRF** | Catalyzes the decarboxylation of orotidine 5'-monophosphate (OMP) to uridine 5'-monophosphate (UMP). |
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