# ZAPB Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | ZAPB, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Escherichia coli O6:H1 (strain CFT073/700928/UPEC) ZAPB Polyclonal Antibody |
| **Product Gene Name** | anti-ZAPB antibody |
| **Product Synonym Names** | ZAPB Antibody; Cell division protein ZapB zapB yiiU c4880 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | E Coli O6:H1 (strain CFT073/ 700928/UPEC) |
| **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** | 9,635 Da |
| **3D Structure** | ModBase 3D Structure for P0AF37 |
| **Immunogen** | Recombinant Escherichia coli O6:H1 (strain CFT073 / 700928 / UPEC) zapB protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-ZAPB antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-ZAPB antibody** | MBS7166319 is an antibody targeting ZAPB. Also known as Rabbit anti-Escherichia coli O6:H1 (strain CFT073/700928/UPEC) ZAPB Polyclonal Antibody. Reactive in E Coli O6:H1 (strain CFT073/ 700928/UPEC). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-ZAPB 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 ZAPB. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 481042247 |
| **NCBI Accession #** | WP_001296623.1 |
| **UniProt Primary Accession #** | P0AF37 |
| **GenBank Nucleotide #** | WP_001296623.1 |
| **NCBI Official Full Name** | MULTISPECIES: cell division protein ZapB |

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| **UniProt Protein Name** | Cell division protein ZapB |
| **Protein Family** | Cell division protein |
| **UniProt Gene Name** | zapB |
| **UniProt Comments for ZAPB** | Non-essential, abundant cell division factor that is required for proper Z-ring formation. It is recruited early to the divisome by direct interaction with FtsZ, stimulating Z-ring assembly and thereby promoting cell division earlier in the cell cycle. Its recruitment to the Z-ring requires functional FtsA or ZipA. |
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