# CUSS Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | CUSS, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Escherichia coli O157:H7 CUSS Polyclonal Antibody |
| **Product Gene Name** | anti-CUSS antibody |
| **Product Synonym Names** | CUSS Antibody; Sensor kinase CusS; EC 2.7.13.3; cusS Z0708 ECs0608 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | E Coli O157:H7 |
| **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** | 53,909 Da |
| **3D Structure** | ModBase 3D Structure for Q8XBY4 |
| **Immunogen** | Recombinant Escherichia coli O157:H7 cusS protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-CUSS antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-CUSS antibody** | MBS9003499 is an antibody targeting CUSS. Also known as Rabbit anti-Escherichia coli O157:H7 CUSS Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-CUSS 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 CUSS. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15829862 |
| **NCBI GeneID** | 916966 |
| **NCBI Accession #** | NP_308635.1 |
| **UniProt Primary Accession #** | Q8XBY4 |
| **GenBank Nucleotide #** | NC_002695.1 |

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| **NCBI Official Full Name** | sensor kinase CusS |
| **NCBI Official Symbol** | ECs0608 |
| **UniProt Protein Name** | Sensor kinase CusS |
| **Protein Family** | Sensor kinase |
| **UniProt Gene Name** | cusS |
| **UniProt Entry Name** | CUSS_ECO57 |
| **NCBI Protein Information** | sensor kinase CusS |
| **UniProt Comments for CUSS** | Member of the two-component regulatory system CusS/CusR. Copper ion sensor. Could also be a silver ion sensor. Activates CusR by phosphorylation (). |
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