# RSGA Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | RSGA, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Shigella flexneri RSGA Polyclonal Antibody |
| **Product Gene Name** | anti-RSGA antibody |
| **Product Synonym Names** | RSGA Antibody; Small ribosomal subunit biogenesis GTPase RsgA; EC 3.6.1.-; rsgA SF4320 S4583 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Shigella flexneri |
| **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** | 39,121 Da |
| **3D Structure** | ModBase 3D Structure for Q83IK0 |
| **Immunogen** | Recombinant Shigella flexneri rsgA protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-RSGA antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-RSGA antibody** | MBS7199597 is an antibody targeting RSGA. Also known as Rabbit anti-Shigella flexneri RSGA Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-RSGA 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 RSGA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 344915381 |
| **NCBI GeneID** | 1025377 |
| **NCBI Accession #** | NP_710029.3 |
| **UniProt Primary Accession #** | Q83IK0 |
| **UniProt Secondary Accession #** | Q7UAL5 |

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| **GenBank Nucleotide #** | NC_004337.2 |
| **NCBI Official Full Name** | hypothetical protein SF4320 |
| **NCBI Official Symbol** | yjeQ |
| **UniProt Protein Name** | Small ribosomal subunit biogenesis GTPase RsgA |
| **Protein Family** | Putative ribosome biogenesis GTPase |
| **UniProt Gene Name** | rsgA |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for RSGA** | One of several proteins that assist in the late maturation steps of the functional core of the 30S ribosomal subunit. Helps release RbfA from mature subunits. May play a role in the assembly of ribosomal proteins into the subunit. Circularly permuted GTPase that catalyzes slow GTP hydrolysis, GTPase activity is stimulated by the 30S ribosomal subunit. |
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