# SATP Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | SATP, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Escherichia coli (strain K12) SATP Polyclonal Antibody |
| **Product Gene Name** | anti-SATP antibody |
| **Product Synonym Names** | SATP Antibody; Succinate-acetate/proton symporter SatP; Succinate-acetate transporter protein; satP yaaH b0010 JW0009 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | E Coli (strain K12) |
| **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** | 20,071 Da |
| **Chromosome Location** | NC_000913.2 (9928..10494, complement) |
| **3D Structure** | ModBase 3D Structure for P0AC98 |
| **Immunogen** | Recombinant Escherichia coli (strain K12) satP protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-SATP antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-SATP antibody** | MBS7163497 is an antibody targeting SATP. Also known as Rabbit anti-Escherichia coli (strain K12) SATP Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-SATP 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 SATP. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 16128004 |
| **NCBI GeneID** | 944792 |
| **NCBI Accession #** | NP_414551.1 |
| **UniProt Primary Accession #** | P0AC98 |

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| **UniProt Secondary Accession #** | P28695; Q8KMY2 |
| **GenBank Nucleotide #** | NC_000913.2 |
| **NCBI Official Full Name** | inner membrane protein, Grp1_Fun34_YaaH family |
| **NCBI Official Symbol** | yaaH |
| **NCBI Official Synonym Symbols** | ECK0010; JW0009 |
| **UniProt Protein Name** | Inner membrane protein YaaH |
| **Protein Family** | Succinate-acetate/proton symporter |
| **UniProt Gene Name** | yaaH |
| **UniProt Entry Name** | YAAH_ECOLI |
| **NCBI Protein Information** | inner membrane protein, Grp1_Fun34_YaaH family |
| **NCBI Summary for SATP** | YaaH is a conserved integral inner membrane protein predicted to be associated with transport of acetate . [More information is available at EcoCyc: EG11512]. |
| **UniProt Comments for SATP** | Subcellular location: Cell inner membrane; Multi-pass membrane protein.<br><br>Sequence similarities: Belongs to the GPR1/FUN34/YaaH family. |
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