# MIS13 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | MIS13, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) MIS13 Polyclonal Antibody |
| **Product Gene Name** | anti-MIS13 antibody |
| **Product Synonym Names** | MIS13 Antibody; Kinetochore protein mis13; NMS complex subunit mis13; mis13 cnl1 cnl3 SPBC409.09c |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast) |
| **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** | 36,798 Da |
| **3D Structure** | ModBase 3D Structure for Q9UUB5 |
| **Immunogen** | Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) mis13 protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-MIS13 antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-MIS13 antibody** | MBS9013847 is an antibody targeting MIS13. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) MIS13 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-MIS13 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 MIS13. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 19112251 |
| **NCBI GeneID** | 2541047 |
| **NCBI Accession #** | NP_595459.1 |
| **UniProt Primary Accession #** | Q9UUB5 |
| **GenBank Nucleotide #** | NM_001021369.2 |

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| **NCBI Official Full Name** | kinetochore protein Mis13 |
| **NCBI Official Symbol** | mis13 |
| **UniProt Protein Name** | Kinetochore protein mis13 |
| **UniProt Synonym Protein Names** | NMS complex subunit mis13 |
| **Protein Family** | Kinetochore protein |
| **UniProt Gene Name** | mis13 |
| **UniProt Synonym Gene Names** | cnl1; cnl3 |
| **NCBI Protein Information** | kinetochore protein Mis13 |
| **UniProt Comments for MIS13** | Acts as a component of the NMS (Ndc80-MIND-Spc7) super complex which has a role in kinetochore function during late meiotic prophase and throughout the mitotic cell cycle. Required for correct segregation of chromosomes and for maintaining the inner centromere structure. |
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