# STARD9 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | STARD9, Polyclonal Antibody |
| **Full Product Name** | STARD9 Antibody, FITC conjugated |
| **Product Gene Name** | anti-STARD9 antibody |
| **Product Synonym Names** | StAR-related lipid transfer protein 9; START domain-containing protein 9; StARD9; STARD9; KIAA1300 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid |
| **Purity/Purification** | >95%, Protein G purified |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |
| **Matching Pairs** | Unconjugated Antibody: STARD9 (MBS7051449)<br>FITC Conjugated Antibody: STARD9 (MBS7051451) |
| **Molecular Weight** | 35,159 Da |
| **OMIM** | AK122666 mRNA |
| **3D Structure** | ModBase 3D Structure for Q9P2P6 |
| **Immunogen** | Recombinant Human StAR-related lipid transfer protein 9 protein (1960-2180AA) |
| **Preservative** | 0.03% Proclin 300 |
| **Constituents** | 50% Glycerol, 0.01M PBS, pH 7.4 |
| **Conjugation** | FITC |
| **Santa Cruz Alternative** | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-135272 / sc-67863 / sc-67865 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-STARD9 antibody** | ELISA (EIA) |
| **Related Product Information for anti-STARD9 antibody** | Microtubule-dependent motor protein required for spindle pole assembly during mitosis. Required to stabilize the pericentriolar material (PCM). |
| **Other Notes** | Small volumes of anti-STARD9 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. |
| **Searchable Terms for STARD9 purchase** | MBS7051451 is an antibody targeting STARD9. Also known as STARD9 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STARD9. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 270265793 |
| **NCBI GeneID** | 57519 |
| **NCBI Accession #** | NP_065810.2 |
| **UniProt Primary Accession #** | Q9P2P6 |
| **UniProt Secondary Accession #** | Q68DG2; Q6AI01; Q6ZWK0; Q9UF70 |
| **UniProt Related Accession #** | Q9P2P6 |
| **GenBank Nucleotide #** | NM_020759.2 |
| **NCBI Official Full Name** | stAR-related lipid transfer protein 9 |
| **NCBI Official Synonym Full Names** | StAR related lipid transfer domain containing 9 |
| **NCBI Official Symbol** | STARD9 |
| **NCBI Official Synonym Symbols** | KIF16A |
| **UniProt Protein Name** | StAR-related lipid transfer protein 9 |
| **UniProt Synonym Protein Names** | START domain-containing protein 9; StARD9 |
| **Protein Family** | StAR-related lipid transfer protein |
| **UniProt Gene Name** | STARD9 |
| **UniProt Synonym Gene Names** | KIAA1300; StARD9 |
| **UniProt Entry Name** | STAR9_HUMAN |
| **NCBI Protein Information** | stAR-related lipid transfer protein 9 |
| **UniProt Comments for STARD9** | STARD9: Microtubule-dependent motor protein required for spindle pole assembly during mitosis. Required to stabilize the pericentriolar material (PCM). Belongs to the kinesin-like protein family. 3 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: Unknown function<br><br>Chromosomal Location of Human Ortholog: 15q15.2<br><br>Cellular Component: centriole; cytoplasm; Golgi apparatus; kinesin complex; nucleoplasm; nucleus<br><br>Molecular Function: ATPase activity; microtubule binding; microtubule motor activity<br><br>Biological Process: cytoskeleton-dependent intracellular transport; metabolic process; microtubule-based movement; spindle assembly |
| **Research Articles on STARD9** | **1.** STARD9 could be regulated by Plk1 and SCFbeta-TrCP to promote proper mitotic spindle assembly. |
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