# lin-44 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | lin-44, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Caenorhabditis elegans lin-44 Polyclonal Antibody |
| **Product Gene Name** | anti-lin-44 antibody |
| **Product Synonym Names** | lin-44 Antibody; Abnormal cell lineage protein 44; Wnt protein; lin-44 E01A2.3 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Caenorhabditis elegans |
| **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** | 19,088 Da |
| **3D Structure** | ModBase 3D Structure for Q27886 |
| **Immunogen** | Recombinant Caenorhabditis elegans lin-44 protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-lin-44 antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-lin-44 antibody** | MBS7191697 is an antibody targeting lin-44. Also known as Rabbit anti-Caenorhabditis elegans lin-44 Polyclonal Antibody. Reactive in Caenorhabditis elegans. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-lin-44 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 lin-44. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 71983093 |
| **NCBI GeneID** | 171994 |
| **NCBI Accession #** | NP_001021081.1 |
| **UniProt Primary Accession #** | Q27886 |
| **UniProt Secondary Accession #** | Q6F3D0 |

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| **UniProt Related Accession #** | Q27886 |
| **GenBank Nucleotide #** | NM_001025910.4 |
| **NCBI Official Full Name** | Abnormal cell lineage protein 44 |
| **NCBI Official Symbol** | lin-44 |
| **UniProt Protein Name** | Abnormal cell lineage protein 44 |
| **UniProt Synonym Protein Names** | Wnt protein |
| **Protein Family** | Abnormal cell lineage protein |
| **UniProt Gene Name** | lin-44 |
| **NCBI Protein Information** | Abnormal cell lineage protein 44 |
| **UniProt Comments for lin-44** | Ligand for members of the frizzled family of seven transmembrane receptors (). Affects male tail development, vulval precursor cell specification and egg laying. Involved in morphogenesis by influencing polarity of asymmetric cell divisions of the B, U, and F cells in the male, and the T cell in males and hermaphrodites. Controls spindle orientation in B-gamma cell division during male copulatory spicule development. Involved in specification of the P7.p lineage during vulval development. Has a role in providing polarity and default lin-17 localization in axon development and positioning of neuromuscular synapses in DA9 regions by negatively regulating synaptogenesis. |
| **Research Articles on lin-44** | **1.** The Wnt ligand lin-44 contributes to the early stages of gastrulation in parallel to sdn-1, but in a genetic pathway with ptp-3. |
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