# LONRF3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | LONRF3, Polyclonal Antibody |
| **Full Product Name** | LONRF3, CT (LONRF3, RNF127, LON peptidase N-terminal domain and RING finger protein 3, RING finger protein 127) (MaxLight 405) |
| **Product Gene Name** | anti-LONRF3 antibody |
| **Product Synonym Names** | LONRF3; RNF127; LON peptidase N-terminal domain and RING finger protein 3; RING finger protein 127 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 84,490 Da |
| **3D Structure** | ModBase 3D Structure for Q496Y0 |
| **Immunogen** | LONRF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 676-704 amino acids from the C-terminal region of human LONRF3. |
| **Conjugate** | MaxLight405 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-LONRF3 antibody** | Antibodies; Transcription Factors; Zinc (Ring) Finger |
| **Applications Tested/Suitable for anti-LONRF3 antibody** | Western Blot (WB), FLISA |
| **Application Notes for anti-LONRF3 antibody** | WB: 1:100-500<br>FLISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-LONRF3 antibody** | The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. Multiple alternatively spliced transcript variants have been suggested, but their full length natures are not clear. |
| **Product References and Citations for anti-LONRF3 antibody** | Ross, M.T., et al. Nature 434(7031):325-337(2005). Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005). Saurin, A.J., et al. Trends Biochem. Sci. 21(6):208-214(1996). |
| **Other Notes** | Small volumes of anti-LONRF3 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. |

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| **Searchable Terms for LONRF3 purchase** | MBS6316729 is an antibody targeting LONRF3. Also known as LONRF3, CT (LONRF3, RNF127, LON peptidase N-terminal domain and RING finger protein 3, RING finger protein 127) (MaxLight 405). Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LONRF3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 73747840 |
| **NCBI GeneID** | 79836 |
| **NCBI Accession #** | NP_001027026.1 |
| **UniProt Primary Accession #** | Q496Y0 |
| **UniProt Secondary Accession #** | Q5JPN6; Q8NB00; Q9H647 |
| **UniProt Related Accession #** | Q496Y0 |
| **GenBank Nucleotide #** | NM_001031855.2 |
| **NCBI Official Full Name** | LON peptidase N-terminal domain and RING finger protein 3 isoform 1 |
| **NCBI Official Synonym Full Names** | LON peptidase N-terminal domain and ring finger 3 |
| **NCBI Official Symbol** | LONRF3 |
| **NCBI Official Synonym Symbols** | RNF127 |
| **UniProt Protein Name** | LON peptidase N-terminal domain and RING finger protein 3 |
| **UniProt Synonym Protein Names** | RING finger protein 127 |
| **Protein Family** | LON peptidase N-terminal domain and RING finger protein |
| **UniProt Gene Name** | LONRF3 |
| **UniProt Synonym Gene Names** | RNF127 |
| **UniProt Entry Name** | LONF3_HUMAN |
| **NCBI Protein Information** | LON peptidase N-terminal domain and RING finger protein 3; ring finger protein 127 |
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