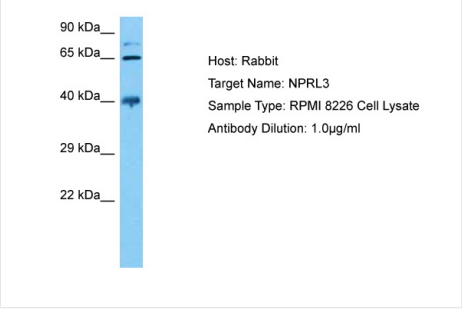
# NPRL3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | NPRL3, Polyclonal Antibody |
| **Full Product Name** | NPRL3 Antibody - N-terminal region |
| **Product Gene Name** | anti-NPRL3 antibody |
| **Product Synonym Gene Name** | MARE; NPR3; HS-40; RMD11; CGTHBA; C16orf35 |
| **Immunogen Sequence** | Synthetic peptide located within the following region: LLFRYPFQRS QEHPASQTSK PRSRYAASNT GDHADEQDGD SRFSDVILAT |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Purity/Purification** | Affinity purified |
| **Preparation and Storage** | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |
| **Molecular Weight** | 62 kDa |
| **OMIM** | 600928 |
| **3D Structure** | ModBase 3D Structure for Q12980 |
| **Immunogen** | The immunogen is a synthetic peptide directed towards the N terminal region of human NPRL3 |
| **Product Categories/Family for anti-NPRL3 antibody** | Polyclonal; Various |
| **Applications Tested/Suitable for anti-NPRL3 antibody** | Western Blot (WB) |
| **Related Product Information for anti-NPRL3 antibody** | MBS3221396 is an antibody targeting NPRL3. Also known as NPRL3 Antibody - N-terminal region. Reactive in Human. Host: Rabbit. The function of the encoded protein is not known. |
| **Other Notes** | Small volumes of anti-NPRL3 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. |




**Western Blot (WB) of anti-NPRL3 antibody**
Host: RabbitTarget Name: NPRL3Sample Tissue: Human RPMI 8226 Whole Cell lysatesAntibody Dilution: 1ug/ml

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NPRL3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 116292162 |
| **NCBI GeneID** | 8131 |
| **NCBI Accession #** | NP_001070818.1 |
| **UniProt Primary Accession #** | Q12980 |
| **UniProt Related Accession #** | Q12980 |
| **GenBank Nucleotide #** | NM_001077350.2 |
| **NCBI Official Full Name** | GATOR complex protein NPRL3 isoform 1 |
| **NCBI Official Synonym Full Names** | NPR3 like, GATOR1 complex subunit |
| **NCBI Official Symbol** | NPRL3 |
| **NCBI Official Synonym Symbols** | MARE; NPR3; HS-40; RMD11; CGTHBA; FFEVF3; C16orf35 |
| **UniProt Protein Name** | Nitrogen permease regulator 3-like protein |
| **UniProt Synonym Protein Names** | -14 gene protein; Alpha-globin regulatory element-containing gene protein; Protein CGTHBA |
| **UniProt Gene Name** | NPRL3 |
| **UniProt Synonym Gene Names** | C16orf35; CGTHBA; MARE |
| **UniProt Entry Name** | NPRL3_HUMAN |
| **NCBI Protein Information** | GATOR complex protein NPRL3 |
| **NCBI Summary for NPRL3** | The function of the encoded protein is not known. [provided by RefSeq, Aug 2011] |
| **UniProt Comments for NPRL3** | NPRL3: The function of the encoded protein is not known. [provided by RefSeq, Aug 2011]<br><br>Protein type: Unknown function<br><br>Chromosomal Location of Human Ortholog: 16p13.3<br><br>Molecular Function: GTPase activator activity<br><br>Biological Process: cardiac muscle development; palate development; positive regulation of GTPase activity |
| **Research Articles on NPRL3** | **1.** This study demonstrated that mutation of NPRL3 in familial focal epilepsies and focal cortical dysplasia. |
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