

## Rabbit LYRM3 Polyclonal Antibody | anti-NDUFB9 antibody

LYRM3 Antibody

|                              |                       |                                        |                                                                                      |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA39238</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|

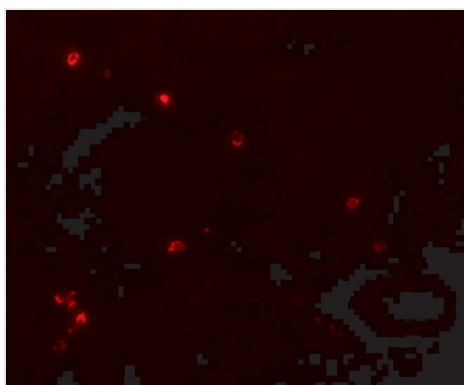
### PRODUCT SYNONYMS

LYRM3; Polyclonal Antibody; LYRM3 Antibody; B22; CI-B22; UQOR22; Complex I-B22; NADH dehydrogenase (ubiquinone) 1 beta subcomplex; 9; 22kDa; anti-NDUFB9 antibody

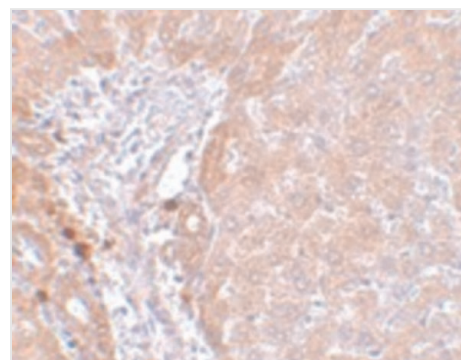
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                             |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                          | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                              | LYRM3 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                      | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                    | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                  | 179                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-NDUFB9 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                               |
| Conjugate                                        | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                        | LYRM3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human LYRM3.                                                                                                                                               |
| Buffer                                           | LYRM3 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                          | LYRM3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

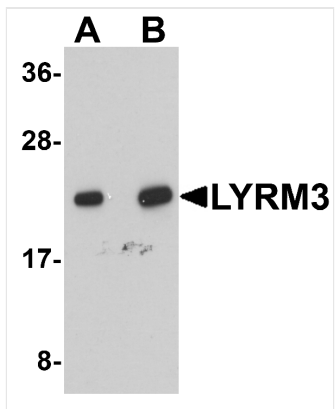
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence of LYRM3 in rat liver tissue with LYRM3 antibody at 20 &amp;#956;g/mL.


**IHC (Immunohistochemistry)**

Immunohistochemistry of LYRM3 in rat liver tissue with LYRM3 antibody at 5 &amp;#956;g/mL.



#### WB (Western Blot)

Western blot analysis of LYRM3 in human liver tissue lysate with LYRM3 antibody at (A) 1 and (B) 2 &#956;g/mL.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-NDUFB9 antibody

LYRM3 Antibody: LYRM3, also known as NADH dehydrogenase (ubiquinone) 1 beta subcomplex 9 (NDUFB9), is a ubiquitously expressed LYR-motif containing protein. It has been suggested to be a candidate gene for the branchio-oto-renal (BOR) syndrome, which is characterized by branchial and renal abnormalities and heredity deafness disorders. Other than its LYR-motif, LYRM3 appears to have no functional or structural relationship to either LYRM1 or LYRM2.

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8134589                                                                                                                                                                                                                                    |
| NCBI GeneID                      | 4715                                                                                                                                                                                                                                       |
| UniProt Accession #              | Q9Y6M9; Q9UQE8; B2R8M6                                                                                                                                                                                                                     |
| Molecular Weight                 | 21,831 Da                                                                                                                                                                                                                                  |
| NCBI Official Full Name          | NADH dehydrogenase                                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa                                                                                                                                                                                |
| NCBI Official Symbol             | NDUFB9                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | B22; LYRM3; CI-B22; UQOR22                                                                                                                                                                                                                 |
| NCBI Protein Information         | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; complex I-B22; complex I B22 subunit; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit |
| UniProt Protein Name             | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9                                                                                                                                                                                |
| UniProt Gene Name                | NDUFB9                                                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | LYRM3; UQOR22; CI-B22                                                                                                                                                                                                                      |
| UniProt Entry Name               | NDUB9_HUMAN                                                                                                                                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lyrm3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39238>