

NDUFB9 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13818**Specification**

NDUFB9 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q9Y6M9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

NDUFB9 Antibody (C-Terminus) - Additional Information**Gene ID** 4715**Other Names**

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9, Complex I-B22, CI-B22, LYR motif-containing protein 3, NADH-ubiquinone oxidoreductase B22 subunit, NDUFB9, LYRM3, UQOR22

Target/Specificity

Human NDUFB9

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NDUFB9 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFB9 Antibody (C-Terminus) - Protein Information**Name** NDUFB9**Synonyms** LYRM3, UQOR22**Function**

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

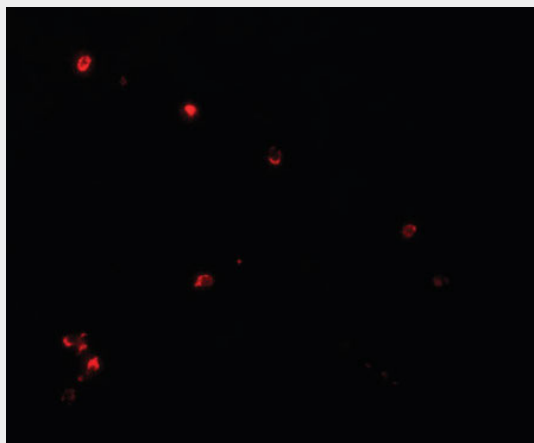
Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

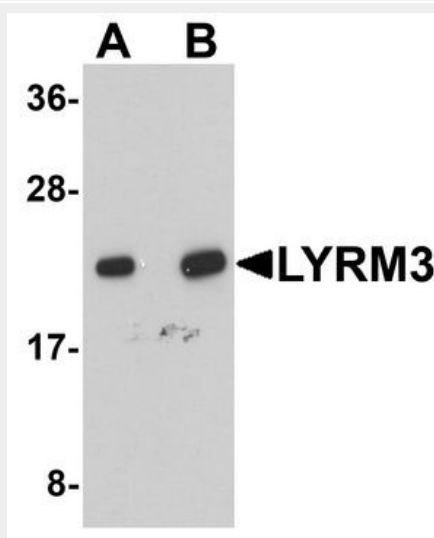
NDUFB9 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

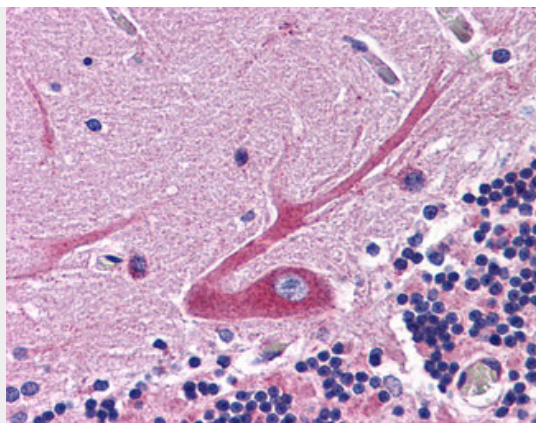
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFB9 Antibody (C-Terminus) - Images

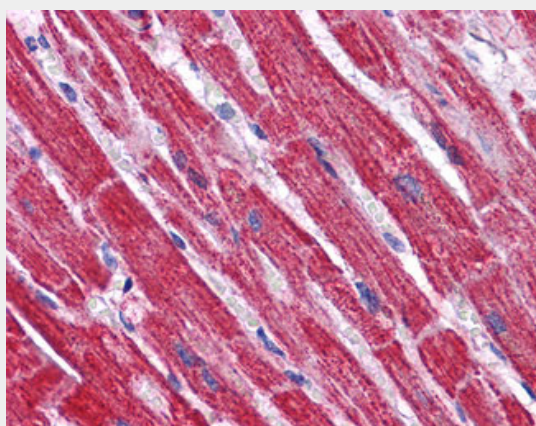
Immunofluorescence of LYRM3 in rat liver tissue with LYRM3 antibody at 20 ug/ml.



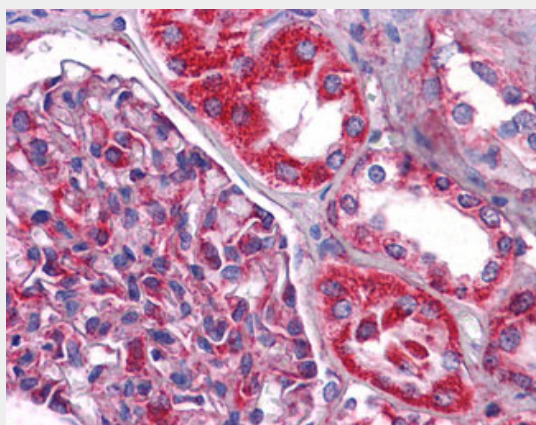
Western blot analysis of LYRM3 in human liver tissue lysate with LYRM3 antibody at (A) 1 and (B)...



Anti-NDUFB9 antibody IHC of human brain, cerebellum.



Anti-NDUFB9 antibody IHC of human heart.



Anti-NDUFB9 antibody IHC of human kidney.

NDUFB9 Antibody (C-Terminus) - Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

NDUFB9 Antibody (C-Terminus) - References

Triepels R., et al. Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.

Lin X.,et al.Hum. Hered. 49:75-80(1999).
Ye Z.,et al.Biochem. Biophys. Res. Commun. 275:223-227(2000).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).