

NDUFB7 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21560a

Specification

NDUFB7 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P17568
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	16402

NDUFB7 Antibody (N-term) - Additional Information

Gene ID 4713

Other Names

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7, Cell adhesion protein SQM1, Complex I-B18, CI-B18, NADH-ubiquinone oxidoreductase B18 subunit, NDUFB7

Target/Specificity

This NDUFB7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 27-60 amino acids from the N-terminal region of human NDUFB7.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NDUFB7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFB7 Antibody (N-term) - Protein Information

Name NDUFB7

Function Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be 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

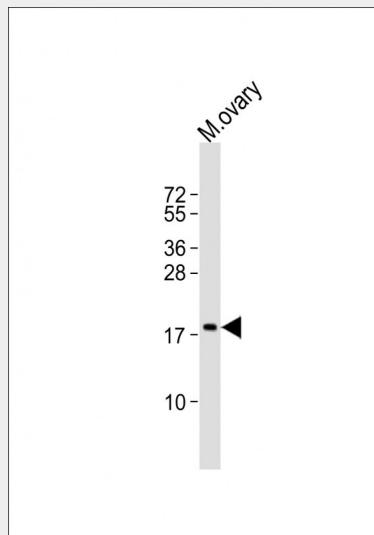
Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space

NDUFB7 Antibody (N-term) - 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](#)

NDUFB7 Antibody (N-term) - Images



Anti-NDUFB7 Antibody (N-term) at 1:2000 dilution + mouse ovary lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

NDUFB7 Antibody (N-term) - Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be 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.

NDUFB7 Antibody (N-term) - References

- Wong Y.-C., et al. *Biochem. Biophys. Res. Commun.* 166:984-992(1990).
Triepels R., et al. *Hum. Genet.* 106:385-391(2000).
Hu R.-M., et al. *Proc. Natl. Acad. Sci. U.S.A.* 97:9543-9548(2000).

Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.