

NDUFB7 / B18 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16472

Specification

NDUFB7 / B18 Antibody - Product Information

Application	IHC
Primary Accession	P17568
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16kDa KDa

NDUFB7 / B18 Antibody - 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

Human NDUFB7 / B18

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

NDUFB7 / B18 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFB7 / B18 Antibody - 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 / B18 Antibody - Protocols

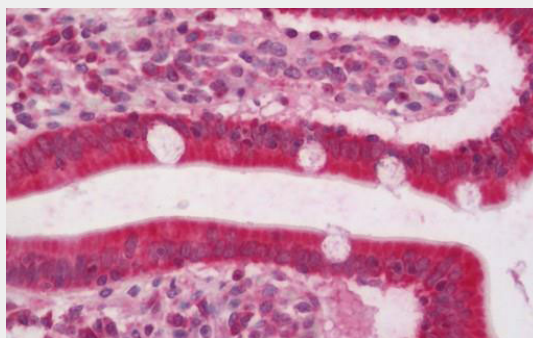
Provided below are standard protocols that you may find useful for product applications.

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

NDUFB7 / B18 Antibody - Images



Human Heart: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

NDUFB7 / B18 Antibody - 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 / B18 Antibody - 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.