

NDUFA12 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18738B**Specification**

NDUFA12 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9UI09
Other Accession	O7TMF3 , NP_061326.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17114
Antigen Region	105-133

NDUFA12 Antibody (C-term) - Additional Information**Gene ID** 55967**Other Names**

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12, 13 kDa
differentiation-associated protein, Complex I-B172, CI-B172, CIB172, NADH-ubiquinone
oxidoreductase subunit B172, NDUFA12, DAP13

Target/Specificity

This NDUFA12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-133 amino acids from the C-terminal region of human NDUFA12.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

NDUFA12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFA12 Antibody (C-term) - Protein Information

Name NDUFA12

Synonyms DAP13

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

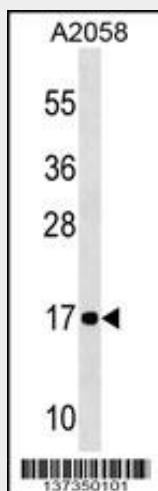
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFA12 Antibody (C-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](#)

NDUFA12 Antibody (C-term) - Images



NDUFA12 Antibody (C-term)(Cat. #AP18738b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the NDUFA12 antibody detected the NDUFA12 protein (arrow).

NDUFA12 Antibody (C-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.

NDUFA12 Antibody (C-term) - References

Murray, J., et al. J. Biol. Chem. 278(39):37223-37230(2003)
Murray, J., et al. J. Biol. Chem. 278(39):37223-37230(2003)
Murray, J., et al. J. Biol. Chem. 278(16):13619-13622(2003)
Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)
Triepels, R., et al. Hum. Genet. 106(4):385-391(2000)