10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NDUFA12 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18738B

Specification

NDUFA12 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9UI09
Other Accession	Q7TMF3, 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

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.

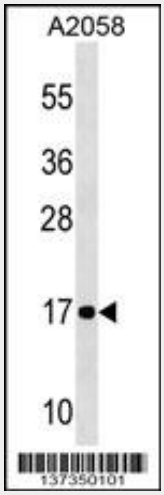
Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

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 Cytomety
- 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)
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Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)
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