

NU4M Rabbit Polyclonal Antibody
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Catalog # AP93442**Specification**

NU4M Rabbit Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P03905
Reactivity	Rat, Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	51581

NU4M Rabbit Polyclonal Antibody - Additional Information**Gene ID** 4538**Other Names**

NADH-ubiquinone oxidoreductase chain 4, 7.1.1.2, NADH dehydrogenase subunit 4, MT-ND4, MTND4, NADH4, ND4

Dilution

WB~~1:1000

Storage Conditions

-20°C

NU4M Rabbit Polyclonal Antibody - Protein Information**Name** MT-ND4**Synonyms** MTND4, NADH4, ND4**Function**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed: [15250827](http://www.uniprot.org/citations/15250827), PubMed: [8344246](http://www.uniprot.org/citations/8344246), PubMed: [8644732](http://www.uniprot.org/citations/8644732)). Essential for the catalytic activity and assembly of complex I (PubMed: [15250827](http://www.uniprot.org/citations/15250827), PubMed: [8344246](http://www.uniprot.org/citations/8344246), PubMed: [8644732](http://www.uniprot.org/citations/8644732)).

Cellular Location

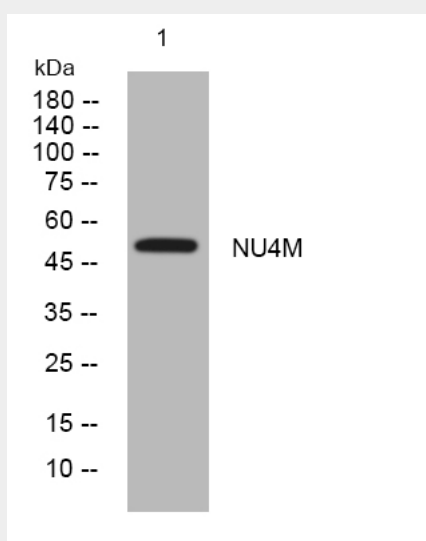
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03910}; Multi-pass membrane protein

NU4M Rabbit Polyclonal 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](#)

NU4M Rabbit Polyclonal Antibody - Images



Western blot analysis of lysates from AD293 cells, primary antibody was diluted at 1:1000, 4° over night