

## ARG40454 anti-MT-ND4 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MT-ND4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MT-ND4
Species	Mouse
Immunogen	Synthetic peptide within aa. 350-450 of Mouse MT-ND4 (NP_904337.1).
Conjugation	Un-conjugated
Alternate Names	MTND4; NADH dehydrogenase subunit 4; ND4; EC 1.6.5.3; NADH-ubiquinone oxidoreductase chain 4

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	
Observed Size	52 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

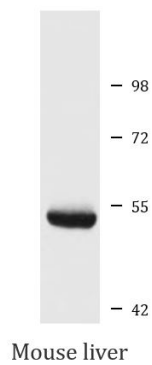
## Bioinformation

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Gene Symbol	MT-ND4
Gene Full Name	mitochondrially encoded NADH dehydrogenase 4
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (By similarity). [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Mitochondrion membrane; Multi-pass membrane protein. [UniProt]

## Images

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ARG40454 anti-MT-ND4 antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG40454 anti-MT-ND4 antibody at 1:1000 dilution.