

## ARG58334 anti-MT-ND1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MT-ND1
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MT-ND1
Species	Mouse
Immunogen	Synthetic peptide corresponding to a sequence within aa. 1-100 of Mouse MT-ND1 (NP_904328.1).
Conjugation	Un-conjugated
Alternate Names	ND1; NADH dehydrogenase subunit 1; NADH-ubiquinone oxidoreductase chain 1; EC 1.6.5.3; MTND1

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	26-38 kDa	

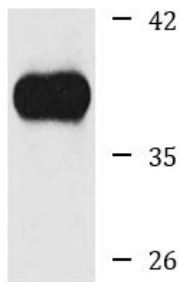
### Properties

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

Gene Symbol	MT-ND1
Gene Full Name	mitochondrially encoded NADH dehydrogenase 1
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	36 kDa
Cellular Localization	Mitochondrion inner membrane, Multi-pass membrane protein. [UniProt]

Images



HeLa

ARG58334 anti-MT-ND1 antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG58334 anti-MT-ND1 antibody at 1:1000 dilution.