

ARG43598 anti-ND6 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ND6
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ND6
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence within amino acids 120 to the C-terminus of human ND6 (BAH15396.1).
Conjugation	Un-conjugated
Alternate Names	MTND6; NADH dehydrogenase subunit 6; NADH-ubiquinone oxidoreductase chain 6; ND6

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	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	A549, mouse brain	
Observed Size	22-24 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

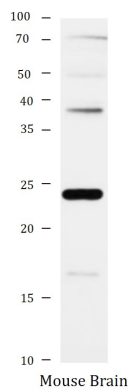
Gene Symbol	MT-ND6
Gene Full Name	mitochondrially encoded NADH dehydrogenase 6
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity). [UniProt]
Calculated Mw	19 kDa
Cellular Localization	Membrane, Mitochondrion, Mitochondrion inner membrane

Images



ARG43598 anti-ND6 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG43598 anti-ND6 antibody at 1:500 dilution.



ARG43598 anti-ND6 antibody WB image

Western blot: 25 µg of Mouse brain tissue lysate stained with ARG43598 anti-ND6 antibody at 1:500 dilution.