

## ARG65569 anti-NDUFA9 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFA9
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFA9
Species	Human
Immunogen	Fusion protein of human NDUFA9
Conjugation	Un-conjugated
Alternate Names	CI-39k; SDR22E1; Complex I-39kD; CC6; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial; CI39k; CI-39kD; NADH-ubiquinone oxidoreductase 39 kDa subunit; NDUFS2L

### Application Instructions

Application table	Application	Dilution
	IHC-P	50-200
	WB	500-2000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

**Positive Control** Mouse heart and kidney tissue

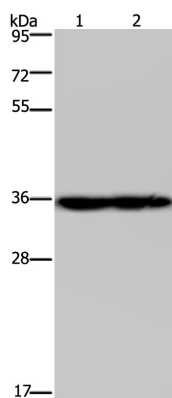
### Properties

Form	Liquid
Purification	Purified by antigen-affinity chromatography.
Buffer	1XPBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	1.5 mg/ml
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

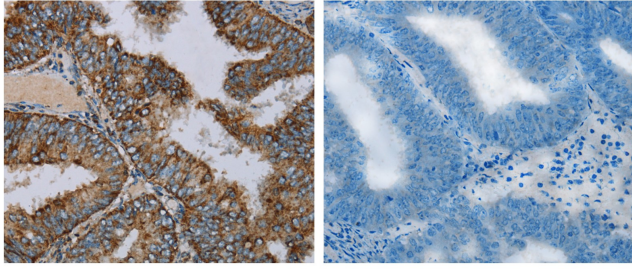
Database links	<a href="#">GeneID: 4704 Human</a> <a href="#">GeneID: 66108 Mouse</a> <a href="#">Swiss-port # Q16795 Human</a> <a href="#">Swiss-port # Q9DC69 Mouse</a>
Gene Symbol	NDUFA9
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa
Background	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12.
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. [UniProt]
Highlight	Related products: <a href="#">Anti-Rabbit IgG secondary antibodies;</a> Related poster download: <a href="#">The Structure &amp; Functions of Mitochondria.pdf</a>
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	43 kDa
PTM	Acetylated on lysine residues. BLOC1S1 is required for acetylation.

## Images



ARG65569 anti-NDUFA9 antibody WB image

Western blot: 40 µg of 1) Mouse heart and 2) Mouse kidney lysates stained with ARG65569 anti-NDUFA9 antibody at 1:400 dilution. Exposure time: 10 seconds.



#### ARG65569 anti-NDUFA9 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon cancer tissue stained with ARG65569 anti-NDUFA9 antibody (left) at 1:30 dilution, or the same antibody preincubated with synthetic peptide (right). (Original magnification:  $\times 200$ ).