

## ARG65568 anti-NDUFA8 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFA8
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFA8
Species	Human
Immunogen	Synthetic peptide of human NDUFA8
Conjugation	Un-conjugated
Alternate Names	Complex I-PGIV; NADH-ubiquinone oxidoreductase 19 kDa subunit; CI-19kD; CI-19KD; PGIV; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8; CI-PGIV; Complex I-19kD

### 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** 293T cell

### Properties

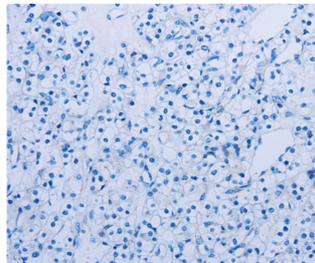
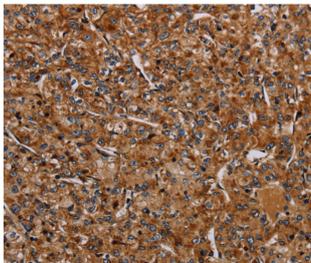
Form	Liquid
Purification	Purified by antigen-affinity chromatography.
Buffer	1XPBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	2.7 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. 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

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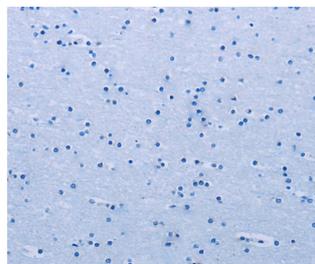
Database links	<a href="#">GeneID: 4702 Human</a> <a href="#">Swiss-port # P51970 Human</a>
Gene Symbol	NDUFA8
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa
Background	The protein encoded by this gene belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
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	20 kDa
PTM	May contain intrachain disulfide bonds, as evidenced by its electrophoretic mobility under reducing vs non-reducing conditions.

## Images



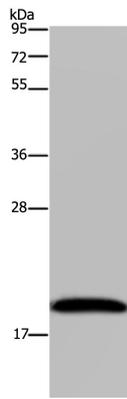
ARG65568 anti-NDUFA8 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate cancer tissue stained with ARG65568 anti-NDUFA8 antibody (left) at 1:40 dilution, or the same antibody preincubated with synthetic peptide (right). (Original magnification:  $\times 200$ ).



ARG65568 anti-NDUFA8 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate cancer tissue stained with ARG65568 anti-NDUFA8 antibody (left) at 1:40 dilution, or the same antibody preincubated with synthetic peptide (right). (Original magnification:  $\times 200$ ).



ARG65568 anti-NDUFA8 antibody WB image

Western blot: 40 µg of 293T cell lysate stained with ARG65568 anti-NDUFA8 antibody at 1:300 dilution. Exposure time: 1 minute.