

## ARG59055 anti-NDUFA7 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes NDUFA7
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFA7
Species	Human
Immunogen	Synthetic peptide from the internal region of Human NDUFA7. (C-PKLPVGPESHKLSNN, NP_004992.2)
Conjugation	Un-conjugated
Alternate Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7; B14.5a; NADH-ubiquinone oxidoreductase subunit B14.5a; CI-B14.5a; Complex I-B14.5a

### Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 8 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	15 kDa	

### Properties

Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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 or below. Storage in frost free freezers is not recommended. Avoid repeated

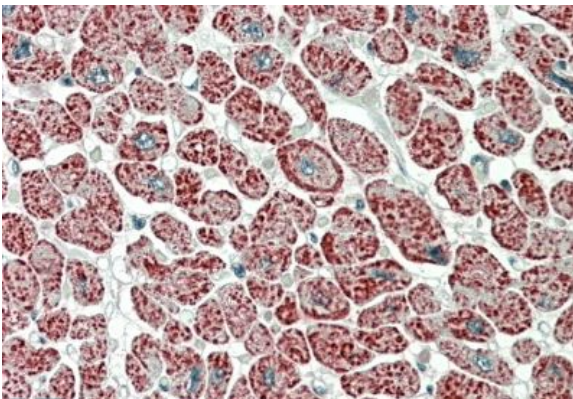
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

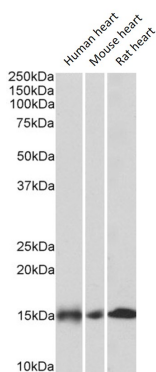
Gene Symbol	NDUFA7
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa
Background	This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain. [provided by RefSeq, Mar 2011]
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]
Calculated Mw	13 kDa
Cellular Localization	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. [UniProt]

## Images



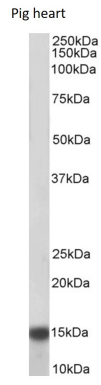
ARG59055 anti-NDUFA7 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart stained with ARG59055 anti-NDUFA7 antibody at 5 µg/ml dilution. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).



ARG59055 anti-NDUFA7 antibody WB image

Western blot: 35 µg of Human heart, Mouse heart and Rat heart lysates (in RIPA buffer) stained with ARG59055 anti-NDUFA7 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.



### ARG59055 anti-NDUFA7 antibody WB image

Western blot: 35 µg of Pig heart lysate (in RIPA buffer) stained with ARG59055 anti-NDUFA7 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.