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**Product Name: NDUFS1 Rabbit Monoclonal Antibody****Catalog #: AMRe03103**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.45mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 79 kDa; Observed MW: 79 kDa

**Antigen Information**

<b>Gene Name</b>	NDUFS1
<b>Alternative Names</b>	NDUFS1; NADH-ubiquinone oxidoreductase 75 kDa subunit; mitochondrial; Complex I-75kD; CI-75kD
<b>Gene ID</b>	4719
<b>SwissProt ID</b>	P28331
<b>Immunogen</b>	A synthetic peptide of human Ndufs1

**Background**

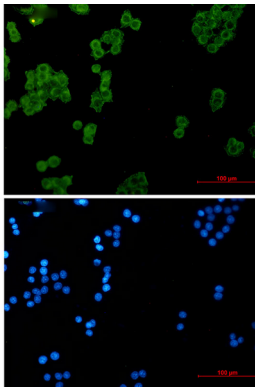
Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to

the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain.

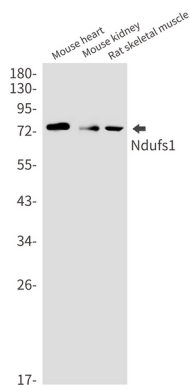
## Research Area

Tags & Cell Markers

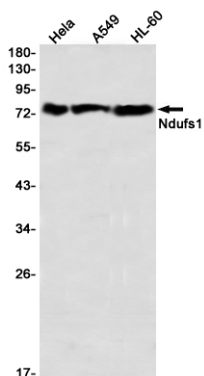
## Image Data



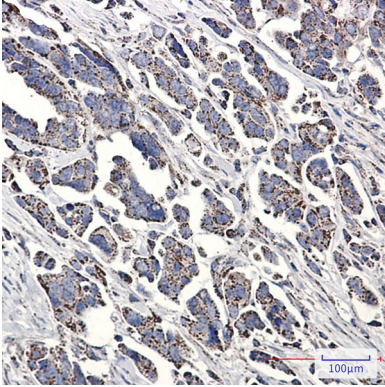
Immunocytochemistry analysis of NDUF51 (green) in HeLa using NDUF51 antibody, and DAPI (blue).



Western blot analysis of Ndufs1 in mouse heart, mouse kidney, rat skeletal muscle lysates using Ndufs1 antibody.



Western blot analysis of Ndufs1 in HeLa, A549, HL-60 lysates using Ndufs1 antibody



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Ndufs1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.