

**Product Name: NDUFB4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02319**



## Summary

<b>Production Name</b>	NDUFB4 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	NDUFB4
<b>Alternative Names</b>	B15; CI-B15
<b>Gene ID</b>	4710
<b>SwissProt ID</b>	O95168.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

## Background

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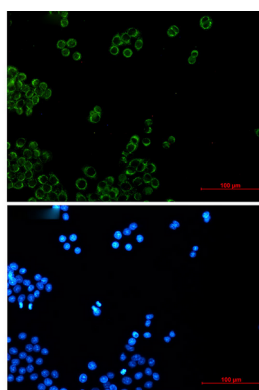


Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

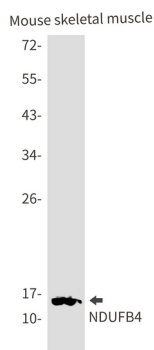
## Research Area

Tags & Cell Markers

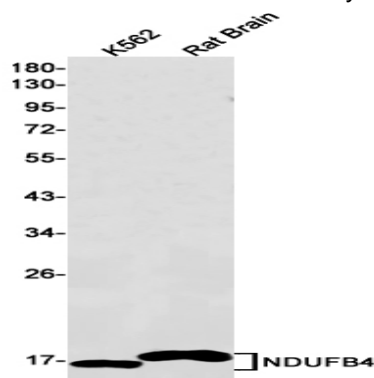
## Image Data



Immunocytochemistry analysis of NDUFB4 (green) in HeLa using NDUFB4 antibody, and DAPI (blue).



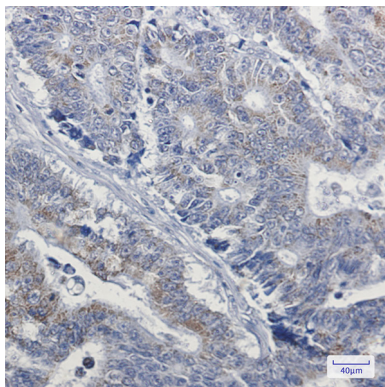
Western blot analysis of NDUFB4 in mouse skeletal muscle lysates using NDUFB4 antibody.



Western blot analysis of NDUFB4 in K562, rat Brain lysates using NDUFB4 antibody

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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using NDUFB4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

#### **Note**

For research use only.