

Product Name: NDUFB9 Rabbit Monoclonal Antibody**Catalog #: AMRe02320**

For research use only.

Summary

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

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

Antigen Information

Gene Name	NDUFB9 NDUFB9; LYRM3; UQOR22; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit
Alternative Names	9; Complex I-B22; CI-B22; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit
Gene ID	4715
SwissProt ID	Q9Y6M9
Immunogen	Recombinant protein of human NDUFB9

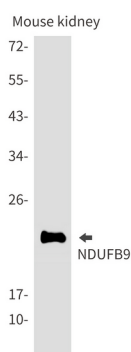
Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.

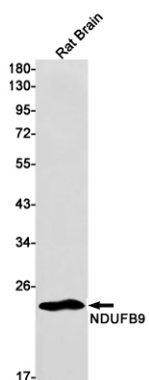
Research Area

Endocrine & Metabolism

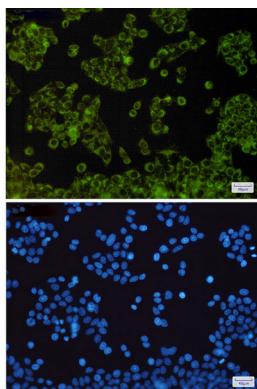
Image Data



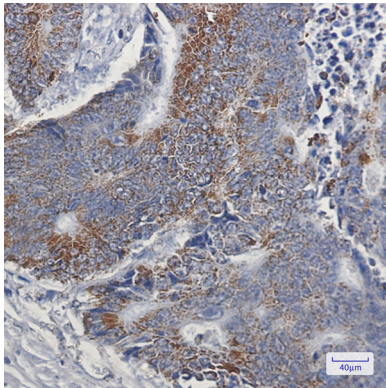
Western blot analysis of NDUFB9 in mouse kidney lysates using NDUFB9 antibody.



Western blot analysis of NDUFB9 in rat Brain lysates using NDUFB9 antibody.



Immunocytochemistry analysis of NDUFB9(green) in HeLa using NDUFB9 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using NDUFB9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.