Datasheet for ABIN5537741

anti-NDUFC2 antibody (N-Term)

3 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	NDUFC2
Binding Specificity:	AA 5-39, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This NDUFC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5-39 amino acids from the N-terminal region of human NDUFC2.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NDUFC2
Alternative Name:	NDUFC2 (NDUFC2 Products)
Background:	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

Target Details

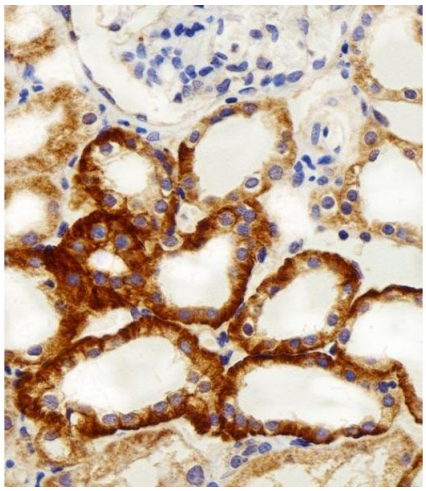
	of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Molecular Weight:	14 kDa
Gene ID:	4718
UniProt:	O95298

Application Details

Application Notes:	For IHC-P starting dilution is: 1:25 For IF starting dilution is: 1:25 For FACS starting dilution is: 1:25 For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

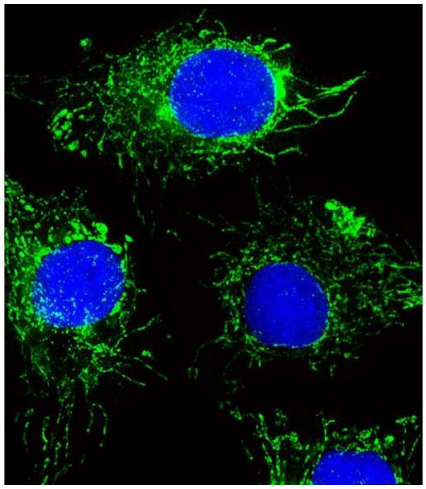
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



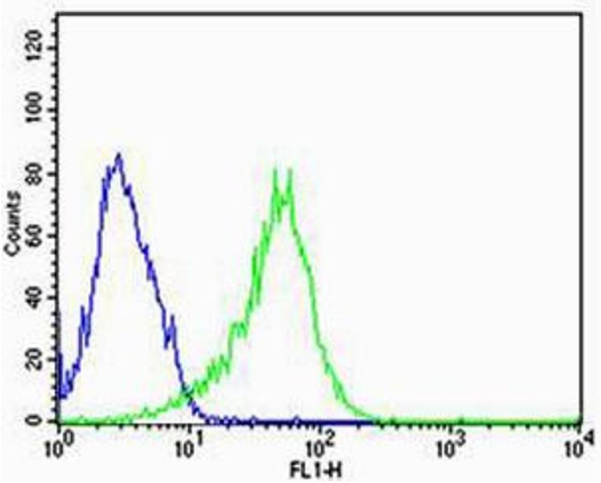
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded H. kidney section using NDUFC2 Antibody (N-term). Antibody was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunofluorescence

Image 2. Fluorescent image of HepG2 cells stained with NDUFC2 Antibody . Antibody was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue).



Flow Cytometry

Image 3. Flow cytometric analysis of HepG2 cells using NDUFC2 Antibody (N-term)(green) compared to an isotype control of rabbit IgG(blue). AP20601a was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.