Datasheet for ABIN5538899

anti-NDUFB4 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	NDUFB4
Binding Specificity:	AA 3-36, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This NDUFB4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 3-36 amino acids from the N-terminal region of human NDUFB4.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NDUFB4
Alternative Name:	NDUFB4 (NDUFB4 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

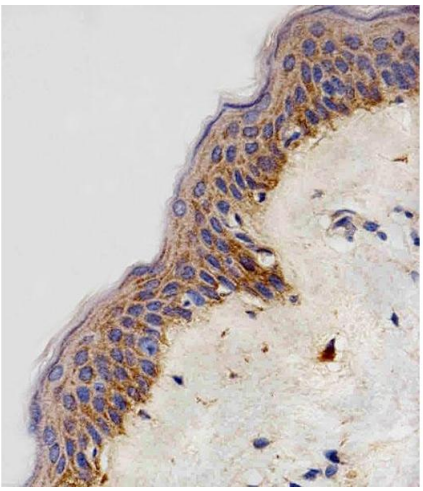
	of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Molecular Weight:	15 kDa
Gene ID:	4710
UniProt:	O95168

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

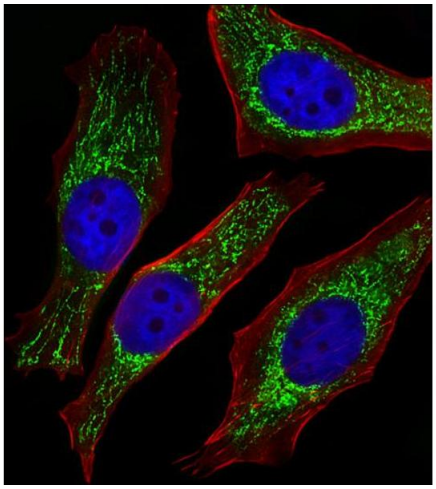
Handling

Format:	Liquid
Concentration:	0.46 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.



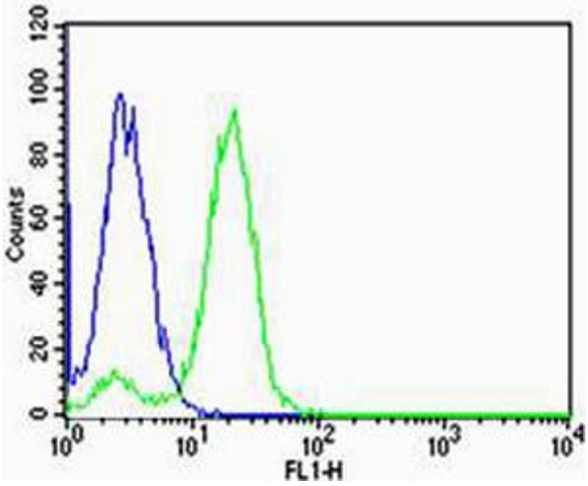
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded H. skin section using NDUFB4 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 Hela cells stained with NDUFB4 Antibody (N-term). 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). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



Flow Cytometry

Image 3. Flow cytometric analysis of Hela cells using NDUFB4 Antibody (N-term)(green) compared to an isotype control of rabbit IgG(blue). Antibody was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.