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Datasheet for ABIN7268802
anti-NDUFA4 antibody (AA 1-81)

1 Image

Overview

Quantity:	100 µL
Target:	NDUFA4
Binding Specificity:	AA 1-81
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	NDUFA4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-81 of human NDUFA4 (NP_002480.1).
Sequence:	MLRQIIGQAK KHPSLIPLFV FIGTGATGAT LYLLRLALFN PDVCWDRNNP EPWNKLGPNQ QYKFYSVNVD YSKLKKERPD F
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

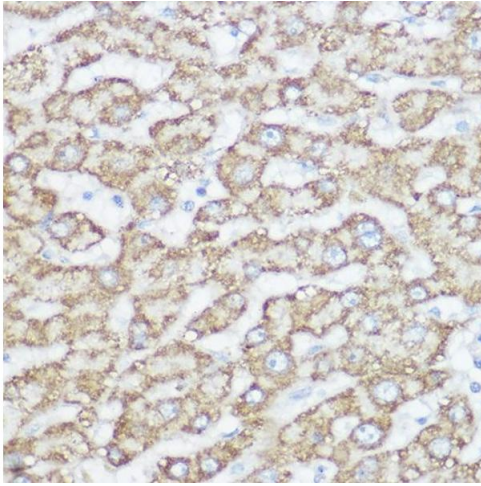
Target:	NDUFA4
Alternative Name:	NDUFA4 (NDUFA4 Products)
Background:	The protein encoded by this gene belongs to the complex I 9 kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,NDUFA4,C1-9k,C1-MLRQ,MLRQ,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Oxidative phosphorylation,Neuroscience,Neurodegenerative Diseases,NDUFA4
Molecular Weight:	9kDa
Gene ID:	4697
UniProt:	O00483

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver using NDUF Rabbit pAb (ABIN7268802) at dilution of 1:350 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.