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Datasheet for ABIN7268807

anti-NDUFAF4 antibody (AA 1-170)

6 Images

Overview

Quantity:	100 µL
Target:	NDUFAF4
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFAF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	NDUFAF4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human NDUFAF4 (NP_054884.1).
Sequence:	MGALVIRGIR NFNLENRAER EISKMKPSVA PRHPSTNSLL REQISLYPEV KGEIARKDEK LLSFLKDVVV DSKDPVSSLQ VKAAETCQEP KEFRLPKDHH FDMINIKSIP KGKISIVEAL TLLNNHKLFP ETWTAEKIMQ EYQLEQKDVN SLLKYFVTFE VEIFPPEDKK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

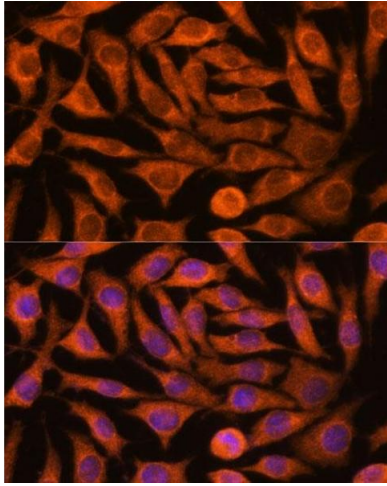
Target:	NDUFAF4
Alternative Name:	NDUFAF4 (NDUFAF4 Products)
Background:	NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency.,NDUFAF4,C6orf66,HRPAP20,HSPC125,My013,bA22L21.1,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Oxidative phosphorylation,NDUFAF4
Molecular Weight:	20kDa
Gene ID:	29078
UniProt:	Q9P032

Application Details

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

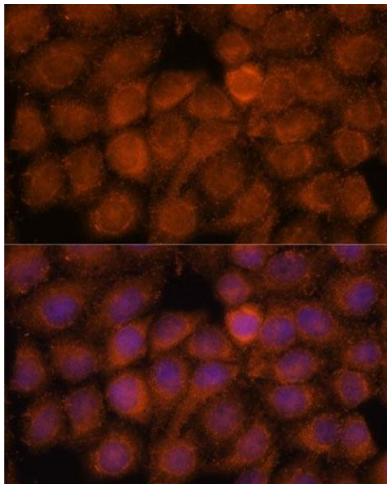
Handling

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.



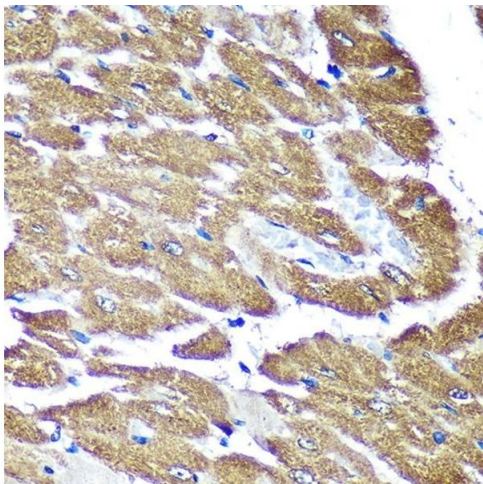
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using NDUF antibody (ABIN7268807) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using NDUF antibody (ABIN7268807) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Rat heart using NDUF Rabbit pAb (ABIN7268807) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7268807.