



[Go to Product page](#)

Datasheet for ABIN7268806
anti-NDUFAF2 antibody (AA 1-169)

2 Images

Overview

Quantity:	100 µL
Target:	NDUFAF2
Binding Specificity:	AA 1-169
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFAF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	NDUFAF2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-169 of human NDUFAF2 (NP_777549.1).
Sequence:	MGWSQDLFRA LWRSL SREVK EHVGT DQFGN KYYYIPQYKN WRGQTIREKR IVEAANKKEV DYEAGDIPT EWEAWIRTRK TPPTMEEILK NEKHREEIKI KSQDFYEKEK LLSKETSEEL LPPPVTQIK GHASAPYFGK EEPVAPSST GKTFQPGSWM PRDGKSHNQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

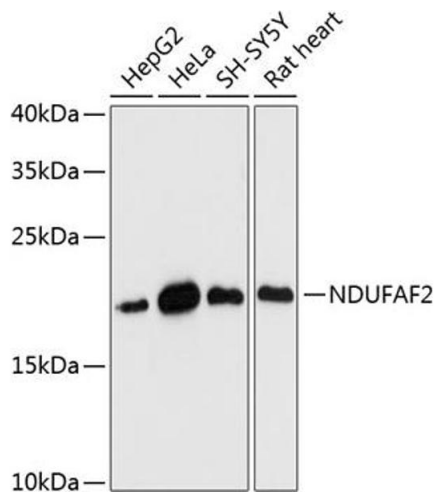
Target:	NDUFAF2
Alternative Name:	NDUFAF2 (NDUFAF2 Products)
Background:	<p>NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene cause progressive encephalopathy resulting from mitochondrial complex I deficiency.,NDUFAF2,B17.2L,MMTN,NDUFA12L,mimitin,Cancer,Tumor biomarkers,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Oxidative phosphorylation,NDUFAF2</p>
Molecular Weight:	19kDa
Gene ID:	91942
UniProt:	Q8N183
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

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

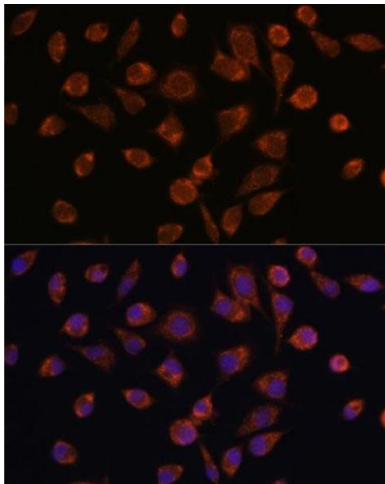
Handling

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NDUF antibody (ABIN7268806) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 2. Immunofluorescence analysis of L929 cells using NDUF antibody (ABIN7268806) at dilution of 1:100. Blue: DAPI for nuclear staining.