

Datasheet for ABIN6144486
anti-NDUFS3 antibody (AA 37-264)



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3 Images

Overview

Quantity:	100 µL
Target:	NDUFS3
Binding Specificity:	AA 37-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 37-264 of human NDUFS3 (NP_004542.1).
Sequence:	ESAGADTRPT VRPRNDVAHK QLSAFGEYVA EILPKYVQVQV QVSCFNELEV CIHPDGVIPV LTFLRDHTNA QFKSLVDLTA VDVPTQRNRF EIVYNLLSLR FNSRIRVKTY TDELTPIESA VSVFKAANWY EREIWD MFGV FFANHPDLRR ILTDYGFEGH PFRKDFPLSG YVELRYDDEV KRVVAEPVEL AQEFRKFDLN SPWEAFPVYR QPPESLKLEA GDKKPPDAK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

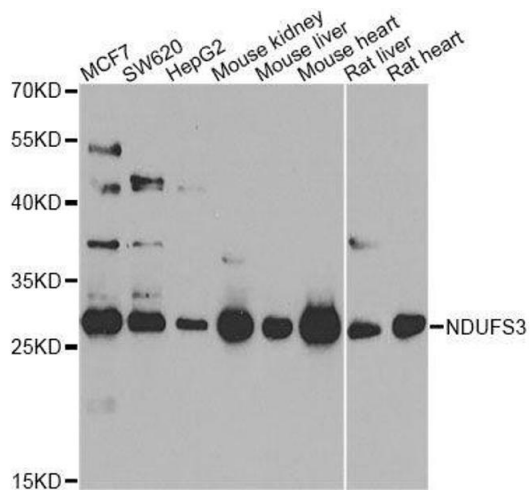
Target:	NDUFS3
Alternative Name:	NDUFS3 (NDUFS3 Products)
Background:	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency., NDUFS3 , CI-30 , Cancer , Signal Transduction , Cell Biology & Developmental Biology , Apoptosis , Endocrine & Metabolism , Mitochondrial metabolism , Mitochondrial markers , Oxidative phosphorylation , Neuroscience , Neurodegenerative Diseases , NDUFS3
Molecular Weight:	14 kDa/30 kDa
Gene ID:	4722
UniProt:	O75489
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

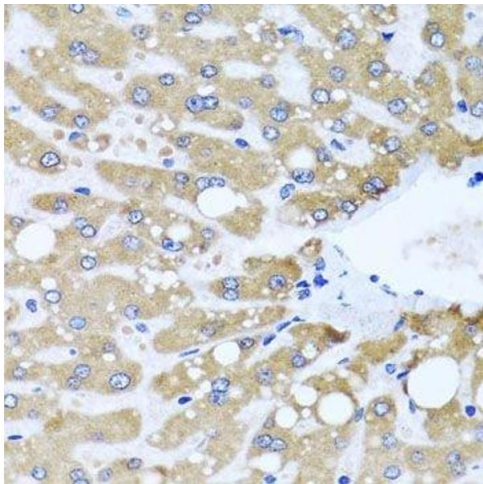
Handling

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.



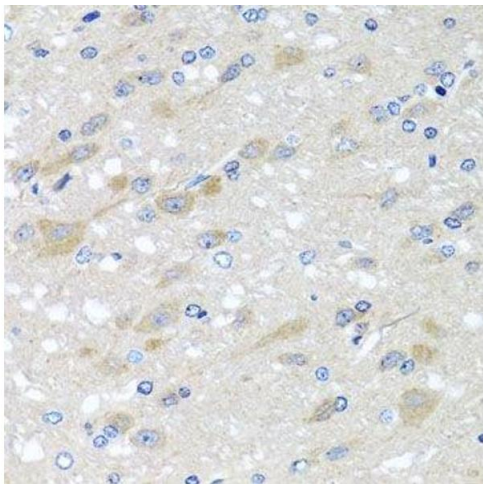
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NDUFS3 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human liver injury using NDUFS3 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat brain using NDUFS3 antibody.