Datasheet for ABIN953629

anti-NDUFA11 antibody (Middle Region)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	NDUFA11
Binding Specificity:	AA 71-100, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 71-100 amino acids from the Central region of human NDUFA11
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human NDUFA11 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NDUFA11
Alternative Name:	NDUFA11 (NDUFA11 Products)

Target Details

Background:	NDUFA11 encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is composed of numerous subunits and functions as the NADH-ubiquinol reductase of the mitochondrial electron transport chain. Mutations in this gene are associated with severe mitochondrial complex I deficiency. Alternate splicing results in multiple transcript variants.Synonyms: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11, NDUFA11
Molecular Weight:	14852 Da
Gene ID:	126328
NCBI Accession:	NP_783313

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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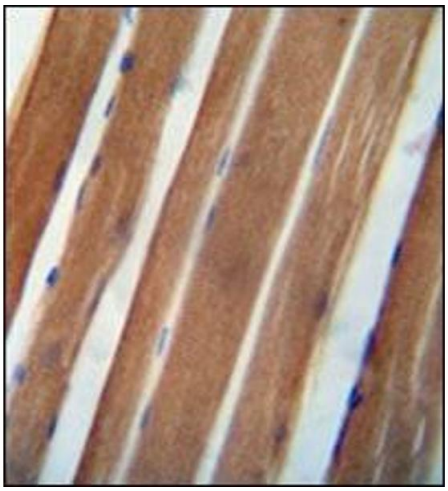
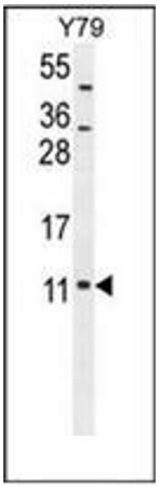


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle reacted with NDUFA11 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of NDUFA11 Antibody (Center) in Y79 cell line lysates (35ug/lane).

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