

Datasheet for ABIN654477
anti-NDUFA11 antibody (AA 64-92)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NDUFA11
Binding Specificity:	AA 64-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NDUAB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the Central region of human NDUAB.
Clone:	RB28150
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NDUFA11
Alternative Name:	NDUAB (NDUFA11 Products)
Background:	NDUFA11 encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is

Target Details

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.

Molecular Weight: 14852

Gene ID: 126328

NCBI Accession: [NP_001180304](#), [NP_783313](#)

UniProt: [Q86Y39](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

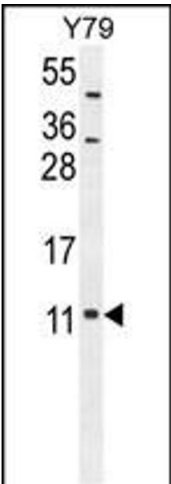
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NDUAB antibody (Center) (ABIN654477 and ABIN2844212) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NDUAB antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NDUAB Antibody (Center) (ABIN654477 and ABIN2844212) western blot analysis in Y79 cell line lysates (35 µg/lane). This demonstrates the NDUAB antibody detected the NDUAB protein (arrow).