

Rabbit anti-Human NDUAB Polyclonal Antibody | anti-NDUFA11 antibody

NDUAB Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289979	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

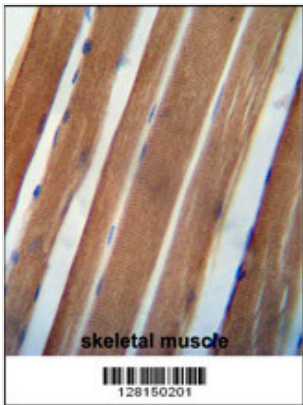
PRODUCT SYNONYMS

NDUAB; Polyclonal Antibody; NDUAB Antibody (Center); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11; Complex I-B147; CI-B147; NADH-ubiquinone oxidoreductase subunit B147; NDUFA11; anti-NDUFA11 antibody

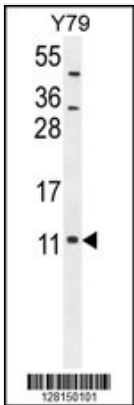
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	64-92
Sequence Length	228
Applicable Applications for anti-NDUFA11 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NDUAB antibody (Center) 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.



WB (Western Blot)
NDUAB Antibody (Center) western blot analysis in Y79 cell line lysates (35ug/lane). This demonstrates the NDUAB antibody detected the NDUAB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFA11 antibody	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.
Product Categories/Family for anti-NDUFA11 antibody	Metabolism; Signal Transduction
References	Berger, I., et al. Ann. Neurol. 63(3):405-408(2008) Takagaki, K., et al. Biochem. Biophys. Res. Commun. 309(2):351-358(2003) Murray, J., et al. J. Biol. Chem. 278(16):13619-13622(2003) Carroll, J., et al. J. Biol. Chem. 277(52):50311-50317(2002) Carroll, J., et al. J. Biol. Chem. 277(52):50311-50317(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	301129187
NCBI GeneID	126328
NCBI Accession #	NP_001180304.1; NP_783313.1
NCBI GenBank Nucleotide #	NM_001193375.1
UniProt Accession #	Q86Y39; Q6ZS66; C9JT23
Molecular Weight	14852
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa
NCBI Official Symbol	NDUFA11
NCBI Official Synonym Symbols	B14.7; CI-B14.7
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11

UniProt Gene Name	NDUFA11
UniProt Synonym Gene Names	CI-B14.7
UniProt Entry Name	NDUAB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/nduab-antibody-western-blot-immunohistochemistry-elisa/289979>