

Rabbit anti-Human NDUFA2 Polyclonal Antibody | anti-NDUFA2 antibody

Anti-NDUFA2 Antibody, Rabbit Polyclonal

CATALOG # AAA256457	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

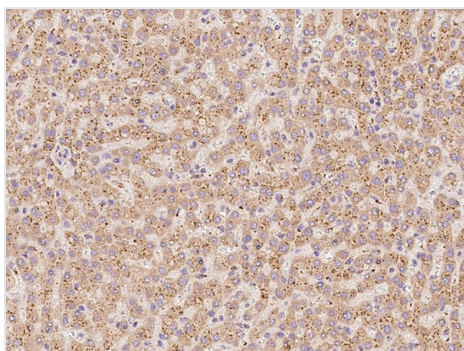
PRODUCT SYNONYMS

NDUFA2; Polyclonal Antibody; Anti-NDUFA2 Antibody; Rabbit Polyclonal; NDUFA2 Antibody; Rabbit PAb; Antigen Affinity Purified; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex; 2; 8kDa; Anti-B8 Antibody; Anti-CD14 Antibody; Anti-CIB8 Antibody; anti-NDUFA2 antibody

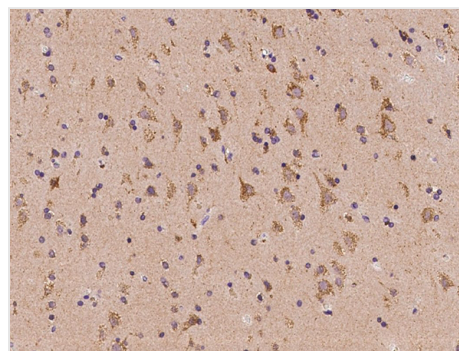
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NDUFA2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NDUFA2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NDUFA2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NDUFA2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human NDUFA2 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human NDUFA2 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFA2 antibody	NDUFA2 (NADH: Ubiquinone Oxidoreductase Subunit A2) is a Protein Coding gene. The NDUFA2 gene, located on 5q31.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. NDUFA2 belongs to the complex I NDUFA2 subunit family. The encoded protein is a subunit of the hydrophobic protein fraction of the NADH: ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Diseases associated with NDUFA2 include Mitochondrial Complex I Deficiency, Nuclear Type 13 and Leukoencephalopathy, Cystic, Without Megalencephaly. Among its related pathways are GABAergic synapse and Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins.
References	Perrier S, et al. (2018) Recessive mutations in ndufa2 cause mitochondrial leukoencephalopathy. Clin Genet 93 (2): 396-400.Hoefs SJ, et al. (2008) Ndufa2 complex i mutation leads to leigh disease. Am J Hum Genet 82 (6): 1306-1315.Brockmann C, et al. (2004) The oxidized subunit b8 from human complex i adopts a thioredoxin fold. Structure 12 (9): 1645-1654.

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://stage.aaabiotech.com/polyclonal/ndufa2-antibody-immunohistochemistry-elisa/256457>