

Rabbit anti-Human NDUFA3 Polyclonal Antibody | anti-NDUFA3 antibody

Anti-NDUFA3 Antibody, Rabbit Polyclonal

CATALOG # AAA256774	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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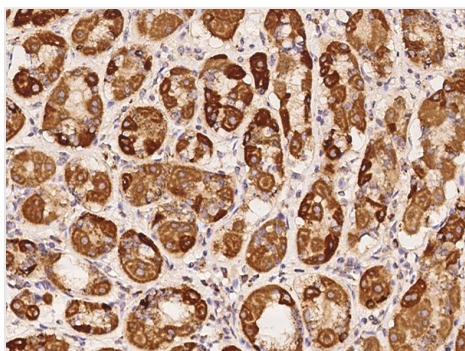
PRODUCT SYNONYMS

NDUFA3; Polyclonal Antibody; Anti-NDUFA3 Antibody; Rabbit Polyclonal; NDUFA3 Antibody; Rabbit PAb; Antigen Affinity Purified; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex; 3; 9kDa; Anti-B9 Antibody; Anti-CI-B9 Antibody; anti-NDUFA3 antibody

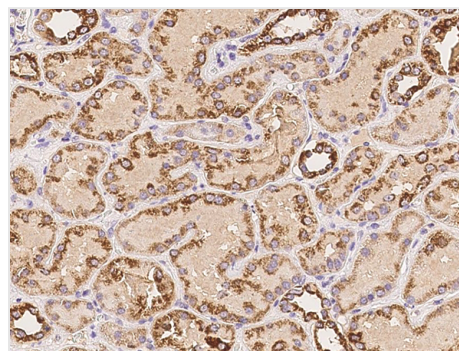
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NDUFA3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NDUFA3 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NDUFA3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NDUFA3 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)

Immunohistochemical staining of human NDUFA3 in human stomach with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining of human NDUFA3 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFA3 antibody	NDUFA3 (NADH: Ubiquinone Oxidoreductase Subunit A3) is a Protein Coding gene. The NDUFA3 gene, located on 19q13.42, is conserved in chimpanzee, Rhesus monkey, cow, mouse, rat, zebrafish, and frog. NDUFA3 belongs to the complex I NDUFA3 subunit family. The encoded protein is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. NDUFA3 is widely expressed in the kidney, fat, and other tissues. Diseases associated with NDUFA3 include Schizophrenia 5 and Periodontosis. Among its related pathways are GABAergic synapse and Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins.
References	Stroud DA, et al. (2016) Accessory subunits are integral for assembly and function of human mitochondrial complex i. Nature 538 (7623): 123-126.Rak M, et al. (2014) Supernumerary subunits ndufa3, ndufa5 and ndufa12 are required for the formation of the extramembrane arm of human mitochondrial complex i. FEBS Lett 588 (9): 1832-1838.Murray J, et al. (2003) The subunit composition of the human nadh dehydrogenase obtained by rapid one-step immunopurification. J Biol Chem 278 (16): 13619-13622.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufa3-antibody-immunohistochemistry-elisa/256774>