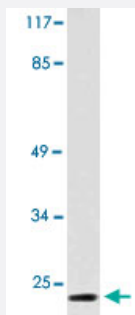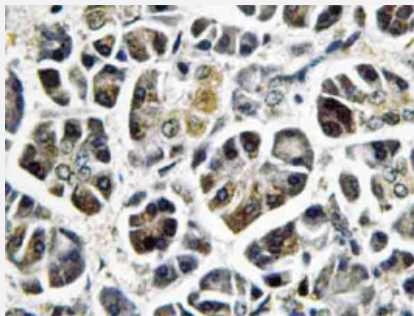# NDUFA8 polyclonal antibody

Catalog #   PAB27009   Size   100 uL

Applications

Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with NDUFA8 polyclonal antibody (Cat # PAB27009).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using NDUFA8 polyclonal antibody (Cat # PAB27009).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NDUFA8.
Immunogen	A synthetic peptide corresponding to human NDUFA8.
Host	Rabbit
Theoretical MW (kDa)	22
Reactivity	Human, Mouse
Specificity	NDUFA8 polyclonal antibody detects endogenous levels of NDUFA8 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of 293 cell lysate with NDUFA8 polyclonal antibody (Cat # PAB27009).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human pancreas tissue using NDUFA8 polyclonal antibody (Cat # PAB27009).

Gene Info — NDUFA8

Entrez GeneID	4702
Protein Accession#	P51970
Gene Name	NDUFA8
Gene Alias	CI-19KD, CI-PGIV, MGC793, PGIV
Gene Description	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa
Omim ID	603359
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene belongs to the complex I 19 kDA subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq
Other Designations	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV)|NADH-ubiquinone oxidoreductase 19 kDa subunit|NADH:ubiquinone oxidoreductase PGIV subunit|OTTHUMP00000022034

Pathway

- [Metabolic pathways](#)

- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)

- [Cognition](#)

- [Tobacco Use Disorder](#)