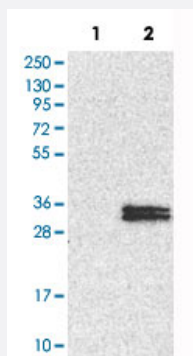


NDUFS3 polyclonal antibody

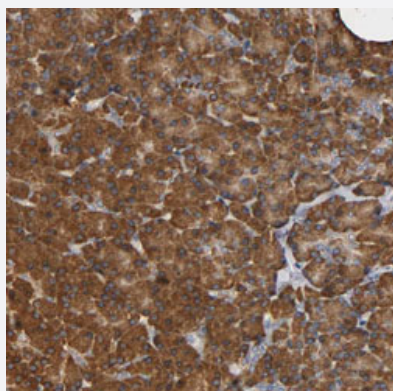
Catalog # PAB30694 Size 100 uL

Applications



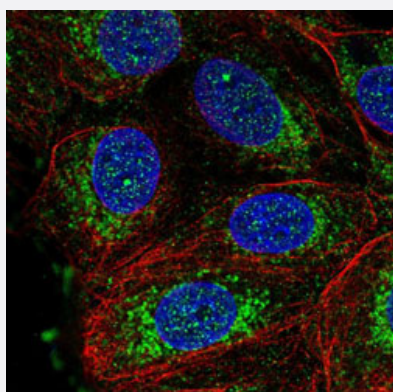
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with NDUFS3 polyclonal antibody (Cat # PAB30694).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with NDUFS3 polyclonal antibody (Cat # PAB30694) shows strong cytoplasmic positivity in exocrine glandular cells.



Immunofluorescence

Immunofluorescent staining of MCF7 cells with NDUFS3 polyclonal antibody (Cat # PAB30694) (Green) shows positivity in nucleus and mitochondria.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human NDUFS3.
Immunogen	Recombinant protein corresponding to human NDUFS3.
Sequence	KYVQQVQVSCFNELEVCIHPDGVIPVLTFLRDHTNAQFKSLVDLTAVDVPTRQNRFEIVNLLSLRF NSRIRVKTYTDELTPIESAVSVFKAANWYEREIWDMMFGVFFANHPDLRRILTDYGFEGHPFRKDFP LSGWELRYDDEVK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 (Transfected lysate)

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Immunofluorescent staining of MCF7 cells with NDUFS3 polyclonal antibody (Cat # PAB30694) (Green) shows positivity in nucleus and mitochondria.

Gene Info — NDUFS3

Entrez GeneID	4722
Protein Accession#	O75489
Gene Name	NDUFS3
Gene Alias	-
Gene Description	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
Omim ID	256000 603846
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency
Other Designations	-

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)