

## Rabbit anti-Human NDUFA8 Polyclonal Antibody | anti-NDUFA8 antibody

NDUFA8 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA287470</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

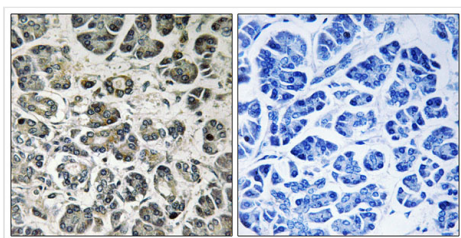
### PRODUCT SYNONYMS

NDUFA8; Polyclonal Antibody; NDUFA8 Antibody; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8; Complex I-19kD; CI-19kD; Complex I-PGIV; CI-PGIV; NADH-ubiquinone oxidoreductase 19 kDa subunit; anti-NDUFA8 antibody

### PRODUCT SPECIFICATIONS

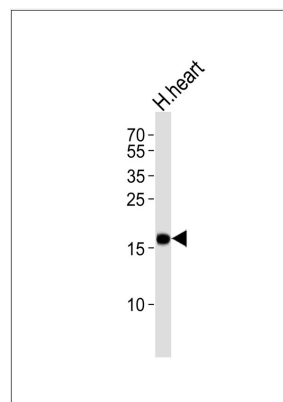
|                                                  |                                                                                                                                                        |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                 |
| Reactivity                                       | Human                                                                                                                                                  |
| Clonality                                        | Polyclonal                                                                                                                                             |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                              |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.     |
| Sequence Positions                               | 121-150                                                                                                                                                |
| Sequence Length                                  | 172                                                                                                                                                    |
| Applicable Applications for anti-NDUFA8 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                   |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                      |
| 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 (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using NDUFA8 antibody.



**WB (Western Blot)**

Western blot analysis of lysate from human heart tissue lysate, using NDUFA8 Antibody(AAA287470). AAA287470 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NDUFA8 antibody | 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. |
| Product Categories/Family for anti-NDUFA8 antibody   | Cancer; Cell Biology; Metabolism; Signal transduction                                                                                                                                                                                                                                                                 |
| References                                           | Triepels R.,et al.Hum. Genet. 103:557-563(1998).<br>Ota T.,et al.Nat. Genet. 36:40-45(2004).<br>Humphray S.J.,et al.Nature 429:369-374(2004).<br>Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.<br>Sarto C.,et al.Electrophoresis 18:599-604(1997).                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 7657369                                                      |
| NCBI GeneID                      | 4702                                                         |
| NCBI Accession #                 | NP_055037.1                                                  |
| NCBI GenBank Nucleotide #        | NM_014222.2                                                  |
| UniProt Accession #              | P51970; Q9Y6N0; B1AM93                                       |
| Molecular Weight                 | 20105                                                        |
| NCBI Official Full Name          | NADH dehydrogenase                                           |
| NCBI Official Synonym Full Names | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa |
| NCBI Official Symbol             | NDUFA8                                                       |
| NCBI Official Synonym Symbols    | PGIV; CI-19KD; CI-PGIV                                       |
| NCBI Protein Information         | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 |
| UniProt Protein Name             | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 |
| UniProt Gene Name                | NDUFA8                                                       |
| UniProt Synonym Gene Names       | CI-19kD; CI-PGIV                                             |
| UniProt Entry Name               | NDUA8_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufa8-antibody-immunohistochemistry-western-blot-elisa/287470>