

## Rabbit anti-Human, Mouse NDUFS5 Polyclonal Antibody | anti-NDUFS5 antibody

(KD Validated) NDUFS5 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                     |
|-----------|--------|--------------|----------------------------------|
| AAA179335 | Rabbit | Human, Mouse | Immunofluorescence, Western Blot |

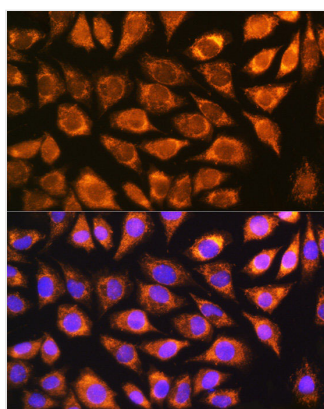
### PRODUCT SYNONYMS

NDUFS5; Polyclonal Antibody; (KD Validated) NDUFS5 Polyclonal Antibody; CI-15k; CI15K; NADH:ubiquinone oxidoreductase subunit S5; anti-NDUFS5 antibody

### PRODUCT SPECIFICATIONS

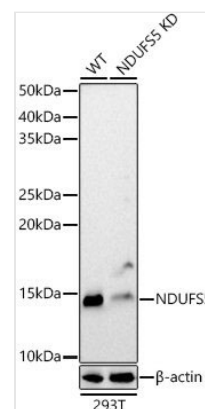
|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Host                                             | Rabbit                                                    |
| Reactivity                                       | Human, Mouse                                              |
| Clonality                                        | Polyclonal                                                |
| Isotype                                          | IgG                                                       |
| Purity/Purification                              | Affinity purification                                     |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.        |
| Concentration                                    | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-NDUFS5 antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                        | Recombinant fusion protein of human NDUFS5                |
| Research Area                                    | Metabolism, Signal Transduction                           |
| Preparation and Storage                          | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using NDUFS5 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and NDUFS5 knockdown (KD) 293T cells, using NDUFS5 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NDUFS5 antibody | This gene is member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17. |
| Product Categories/Family for anti-NDUFS5 antibody   | Antibodies; Primary Antibodies; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 297206823                                                                                                                                                                                   |
| NCBI GeneID                      | 4725                                                                                                                                                                                        |
| NCBI Accession #                 | NP_001171908.1                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001184979.1                                                                                                                                                                              |
| UniProt Accession #              | O43920                                                                                                                                                                                      |
| Molecular Weight                 | 12,518 Da                                                                                                                                                                                   |
| NCBI Official Full Name          | NADH dehydrogenase                                                                                                                                                                          |
| NCBI Official Synonym Full Names | NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH-coenzyme Q reductase)                                                                                                           |
| NCBI Official Symbol             | NDUFS5                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | CI15K; CI-15k                                                                                                                                                                               |
| NCBI Protein Information         | NADH dehydrogenase [ubiquinone] iron-sulfur protein 5; NADH dehydrogenase [ubiquinone] iron-sulfur protein 5; CI-15 kDa; complex I-15 kDa; NADH:ubiquinone oxidoreductase 15 kDa IP subunit |
| UniProt Protein Name             | NADH dehydrogenase [ubiquinone] iron-sulfur protein 5                                                                                                                                       |
| UniProt Gene Name                | NDUFS5                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | CI-15 kDa                                                                                                                                                                                   |
| UniProt Entry Name               | NDUS5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufs5-antibody-immunofluorescence-western-blot-elisa/179335>