

# Anti-NDUFB4 antibody (1-90) (STJ115762)

STJ115762

## GENERAL INFORMATION

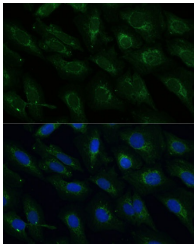
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

## PRODUCT PROPERTIES

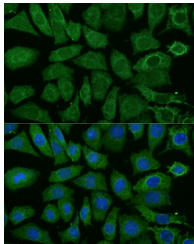
|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Polyclonal  |
| <b>Clone ID</b>            |   |
| <b>Concentration</b>       | Lot specific  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Affinity purification   |
| <b>Dilution Range</b>      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:100<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.  |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  |

## TARGET INFORMATION

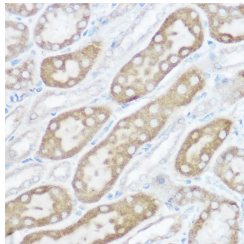
|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 4710   |
| <b>Gene Symbol</b>        | NDUFB4   |
| <b>Uniprot ID</b>         | NDUB4_HUMAN  |
| <b>Immunogen</b>          |  |
| <b>Immunogen Region</b>   | 1-90   |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human NDUFB4 (NP_001161803.1). |
| <b>Immunogen Sequence</b> | MSFPKYKPSSLRLTPETLDP AEYNISPETRRQAERLAIR AQLKREYLLQYNDPNRRGLI ENPALLRWAYARTINVYPNF<br>RPTPKNSLMG                     |



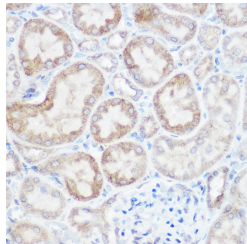
Immunofluorescence analysis of U-2 OS cells using [KO Validated] NDUFB4 Rabbit polyclonal antibody (STJ115762) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using [KO Validated] NDUFB4 Rabbit polyclonal antibody (STJ115762) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of NDUFB4 in paraffin-embedded rat kidney using [KO Validated] NDUFB4 Rabbit polyclonal antibody (STJ115762) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of NDUFB4 in paraffin-embedded mouse kidney using [KO Validated] NDUFB4 Rabbit polyclonal antibody (STJ115762) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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