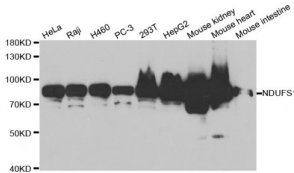


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# NADH Ubiquinone Oxidoreductase Core Subunit S1 (NDUFS1) Antibody

Catalogue No.: abx002026



Western blot analysis of extracts of various cell lines, using NDUFS1 antibody (abx002026) at 1/1000 dilution.

NDUFS1 Antibody is a Rabbit Polyclonal antibody against NDUFS1. The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. Several transcript variants encoding different isoforms have been found for this gene.

- Target:** NDUFS1
- Reactivity:** Human, Mouse, Rat
- Host:** Rabbit
- Clonality:** Polyclonal
- Tested Applications:** WB, IHC
- Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
- Immunogen:** Recombinant protein of human NDUFS1.
- Purification:** Affinity purified.
- Form:** Liquid
- Isotype:** IgG
- Conjugation:** Unconjugated
- Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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**Molecular Weight:** Calculated MW: 67 kDa/73 kDa/75 kDa/79 kDa/80 kDa  
Observed MW: 85 kDa

**Swiss Prot:** [P28331](#)

**GeneID:** [4719](#)

**Gene Symbol:** NDUFS1

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.