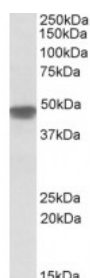




## NDUFS2 Antibody

CATALOG NUMBER: 42-625



Western Blot (0.1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 48kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 51.9kDa according to NP_001159631.1). Recommended concentration: 0.1-0.3ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1301 - Human Heart Tissue Lysate 2) Cat. No. 1401 - Mouse Heart Tissue Lysate 3) Cat. No. 1461 - Rat Heart Tissue Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognize both reported isoforms (NP_004541.1; NP_001159631.1).
<b>IMMUNOGEN:</b>	NDUFS2 antibody was raised against a 12 amino acid synthetic peptide near the internal region of NDUFS2.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	NDUFS2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	NDUFS2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	NDUFS2, NADH-ubiquinone oxidoreductase NDUFS2 subunit, NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase), complex 1, mitochondrial respiratory chain, 49-KD subunit, CI-49
-------------------------	--

ACCESSION NO.:	NP_004541.1, NP_001159631.1
PROTEIN GI NO.:	4758786
OFFICIAL SYMBOL:	NDUFS2
GENE ID:	4720

## Background

FOR RESEARCH USE ONLY

December 13, 2016