

Datasheet for ABIN571199

**anti-NDUFS2 antibody (Internal Region)****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NDUFS2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NDUFS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	NDUFS2
Immunogen:	Peptide with sequence C-SRGVRQWQPDVE, from the internal region of the protein sequence according to NP_004541.1, NP_001159631.1.
Sequence:	SRGVRQWQPD VE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004541.1, NP_001159631.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: NDUFS2

Alternative Name: NDUFS2 ([NDUFS2 Products](#))

Background: NDUFS2, NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49 kDa (NADH-coenzyme Q reductase), NADH dehydrogenase (ubiquinone) Fe-S protein 2, NADH-ubiquinone oxidoreductase NDUFS2 subunit, complex 1, mitochondrial respiratory chain, 49-KD subunit

Gene ID: 4720, 226646, 289218

NCBI Accession: [NP\\_004541](#), [NP\\_001159631](#)

## Application Details

Application Notes: Western Blot: Approx 48 kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 51.9 kDa according to NP\_001159631.1). Recommended concentration: 0.1-0.3 µg/mL.  
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

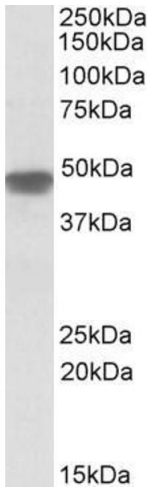
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571199 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.