

Datasheet for ABIN571198

anti-NDUFS1 antibody (Internal Region)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NDUFS1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NDUFS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	NDUFS1
Immunogen:	Peptide with sequence C-TEKSATYVNTEGR, from the internal region of the protein sequence according to NP_004997.4.
Sequence:	TEKSATYVNT EGR
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	NDUFS1
Alternative Name:	NDUFS1 (NDUFS1 Products)
Background:	NDUFS1, NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75 kDa (NADH-coenzyme Q reductase), CI-75Kd, MGC26839, PRO1304, NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75 kDa, NADH-coenzyme Q reductase, OTTHUMP00000206345, complex I, mitochondrial respirato
Gene ID:	4719, 227197, 301458
NCBI Accession:	NP_004997

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5 µg/mL. Western Blot: Approx 80 kDa band observed in Human Heart and Mouse Heart lysates (calculated MW of 79.5 kDa according to NP_004997.4). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:64000.
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. ABIN571198 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.