Datasheet for ABIN1590047

anti-NDUFS8 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	NDUFS8
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	NDUFS8
Sequence:	AEPRADGSRR
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:	NDUFS8
Alternative Name:	NDUFS8 (NDUFS8 Products)

Target Details

Background:	NDUFS8, NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23 kDa (NADH-coenzyme Q reductase), CI23KD, TYKY, NADH dehydrogenase ubiquinone Fe-S 8, NADH-ubiquinone oxidoreductase 23 kDa subunit, complex I-23kD
Gene ID:	4728, 225887, 293652
NCBI Accession:	NP_002487

Application Details

Application Notes:	Western Blot: Approx 25 kDa band observed in Human and Mouse Heart lysates (calculated MW of 23.7 kDa according to NP_002487.1). Recommended concentration: 0.1-0.3 µg/mL. An additional fainter band of 90 kDa was consistently observed, however this band was n Peptide ELISA: antibody detection limit dilution 1:2000.
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. ABIN1590047 (0.1µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.